

## Commanding and signaling devices

**Price groups**

PG 572, 41J, 41K, 42C, 42D, 42K

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Actuators and indicators, 22 mm, metal, shiny

13/48 Complete units

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13/58 **Actuating and signaling elements NEW**Actuators and indicators, flat, 30 mm, metal, matte

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13/185 8WD53 integrated signal lamps, 70 mm diameter

Note:

13/17 SIRIUS ACT pushbuttons and indicator lights can also be ordered in practical, environment-friendly multi-unit packaging.

Example:

3SU1000-1AA10-0AA0-Z X90;  
pack of 50Note:

Products with our Siemens EcoTech label are marked in the catalog with this symbol:



See

[www.siemens.com/sirius/SiemensEcoTech](http://www.siemens.com/sirius/SiemensEcoTech)

# Commanding and signaling devices

## Introduction

## Overview



3SU1.0

### Pushbuttons and indicator lights

#### Designs

Nominal diameter  
Version

22 mm  
Plastic

	Complete units	Compact units	Actuating/ signaling elements
<b>Actuators</b>			
Pushbuttons	✓ see p. 13/25	--	✓ see p. 13/35
Illuminated pushbuttons	✓ see p. 13/25	--	✓ see p. 13/36
Mushroom pushbuttons	✓ see p. 13/27	--	✓ see p. 13/38
EMERGENCY-STOP mushroom pushbuttons	✓ see p. 13/28	--	✓ see p. 13/39
Selector switches	✓ see p. 13/29	--	✓ see p. 13/41
Key-operated switches	✓ see p. 13/30	--	✓ see p. 13/43
ID key-operated switches	--	--	✓ see p. 13/45
Twin pushbuttons	--	--	✓ see p. 13/37
Quadruple pushbuttons	--	--	✓ see p. 13/37
Toggle switches	--	--	✓ see p. 13/40
Coordinate switches	✓ see p. 13/31	--	✓ see p. 13/46
Potentiometers	--	✓ see p. 13/33	--
Pushbuttons with extended stroke	--	✓ see p. 13/34	--
<b>Indicators</b>			
Indicator lights	✓ see p. 13/32	--	✓ see p. 13/46
Indicator lights in illuminated pushbutton design	--	--	✓ see p. 13/46
Acoustic signaling devices	--	✓ see p. 13/33	--
<b>Modules</b>			
Contact modules	✓ see p. 13/80 ... 13/84		
LED modules	✓ see p. 13/85 ... 13/88		
AS-Interface modules	✓ see p. 13/89		
Electronic modules for IO-Link	✓ see p. 13/90		
Electronic modules for ID key-operated switches	✓ see p. 13/91		
Modules for PROFINET	✓ see p. 13/92		
Support terminals	✓ see p. 13/94		
<b>Connections</b>			
Screw terminals	✓	✓	✓
Spring-loaded terminals	✓	--	✓
Solder pins	--	--	✓
AS-Interface	✓	--	✓
IO-Link	--	--	✓
PROFINET	--	--	✓

✓ Available

-- Not available



	3SU1.5			3SU1.6			3SB2
Pushbuttons and indicator lights							
Designs							
Nominal diameter	22 mm			30 mm			16 mm
Version	Metal, shiny			Metal, matte, flat			Plastic, round
	Complete units	Compact units	Actuating/ signaling elements	Complete units	Compact units	Actuating/ signaling elements	Complete units, actuating/signaling elements
Actuators							
Pushbuttons	✓ see p. 13/48	--	✓ see p. 13/58	--	--	✓ see p. 13/71	✓ see p. 13/147
Illuminated pushbuttons	✓ see p. 13/48	--	✓ see p. 13/59	--	--	✓ see p. 13/71	✓ see p. 13/147
Mushroom pushbuttons	✓ see p. 13/50	--	✓ see p. 13/61	--	--	--	--
EMERGENCY-STOP mushroom pushbuttons	✓ see p. 13/51	--	✓ see p. 13/62	--	--	--	✓ see p. 13/147
Selector switches	✓ see p. 13/53	--	✓ see p. 13/64	--	--	✓ see p. 13/72	✓ see p. 13/147
Key-operated switches	✓ see p. 13/54	--	✓ see p. 13/67	--	--	✓ see p. 13/73	✓ see p. 13/148
ID key-operated switches	--	--	✓ see p. 13/69	--	--	--	--
Twin pushbuttons	--	--	✓ see p. 13/60	--	--	--	--
Toggle switches	--	--	✓ see p. 13/64	--	--	--	--
Coordinate switches	✓ see p. 13/54	--	✓ see p. 13/69	--	--	--	--
Potentiometers	--	✓ see p. 13/56	--	--	--	--	--
Pushbuttons with extended stroke	--	✓ see p. 13/57	--	--	--	--	--
Indicators							
Indicator lights	✓ see p. 13/55	--	✓ see p. 13/69	--	--	✓ see p. 13/73	✓ see p. 13/146
Acoustic signaling devices	--	✓ see p. 13/56	--	--	--	--	--
Modules							
Contact modules	✓ see p. 13/80 ... 13/84						
LED modules	✓ see p. 13/85 ... 13/88						
Wedge bases	--	--	--	--	--	--	✓ see p. 13/156
AS-Interface modules	✓ see p. 13/89						
Electronic modules for IO-Link	✓ see p. 13/90						
Electronic modules for ID key-operated switches	✓ see p. 13/91						
Modules for PROFINET	✓ see p. 13/92						
Support terminals	✓ see p. 13/94						
Connections							
Plug-in connection	--	--	--	--	--	--	✓
Screw terminals	✓	✓	✓	✓	✓	✓	--
Spring-loaded terminals	✓	✓	✓	✓	✓	✓	--
Solder pins	✓	✓	✓	✓	✓	✓	✓
AS-Interface	✓	✓	✓	✓	✓	✓	--
IO-Link	✓	✓	✓	✓	✓	✓	--
PROFINET	--	--	✓	--	--	✓	--

✓ Available  
-- Not available

Note:

Safety characteristics, see page 16/9.

# Commanding and signaling devices

## Introduction



	3SU18	3SU18	3SE71	3SE73	3SE29, 3SE39
	Enclosures	Two-hand operation consoles	Cable-operated switches	Conveyor belt unbalance trackers	Foot switches
<b>Enclosures</b>					
Plastic	✓	✓	--	--	✓
Metal	✓	✓	✓	✓	✓
<b>Actuators</b>					
Pushbuttons	✓	--	✓	✓	✓
Illuminated pushbuttons	✓	--	--	--	--
Mushroom pushbuttons	✓	✓	--	--	--
EMERGENCY-STOP mushroom pushbuttons	✓	✓	✓	--	--
Selector switches	✓	--	--	--	--
Key-operated switches	✓	--	--	--	--
Cable-operated switches	--	--	✓	--	--
<b>Indicators</b>					
Indicator lights	✓	--	✓	--/✓	--
Acoustic signaling devices	✓	--	--	--	--
<b>Modules</b> (see p. 13/84 ... 13/94)					
1-pole/2-pole	✓/--	✓	--/✓	--	--/✓
3-pole/4-pole	--	--	✓	--	✓
<b>Connections</b>					
Screw terminals	✓	✓	✓	✓	✓
AS-Interface	✓	--	--	--	--
IO-Link	✓	--	--	--	--
PROFINET	✓	--	--	--	--
Pages	see p. 13/95	see p. 13/108	see p. 13/158	see p. 13/164	see p. 13/165

✓ Available

-- Not available



8WD46

8WD42

8WD44

8WD53

	Signaling columns		8WD53
	electronically configurable	mechanically modular	
<b>Enclosures</b>			
Plastic	✓	✓	✓
<b>Illumination</b>			
Incandescent lamps	--	✓	✓
Multi-color LED (RGB-LED)	✓	--	--
LEDs	--	✓	✓
Flashlights	--	✓	✓
<b>Connections</b>			
Screw terminals	--	✓	✓
Spring-loaded terminals	--	✓	--
M12 plugs	✓	--	--
<b>Communication</b>			
AS-Interface	--	✓	✓
IO-Link	✓	--	✓
Standard (without communication)	✓	✓	✓
<b>Functions</b>			
Continuous lights	✓	✓	✓
Blinklights	✓	✓	✓
Flashlights	✓	✓	✓
Rotating lights	✓	✓	✓
Level indicators	✓	--	--
Acoustics			
• Buzzer	--	✓	✓
• Siren	✓	--	✓
Pages	see p. 13/167 onwards	see p. 13/174 ... 13/179	see p. 13/174 ... 13/176, 13/180

✓ Available

-- Not available

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

#### Overview



SIRIUS ACT pushbuttons and indicator lights

#### **SIRIUS ACT – commanding and signaling**

SIRIUS ACT is a modular system of pushbuttons and indicator lights for front plate mounting and rear-mounted electrical modules. Thanks to SIRIUS ACT with PROFINET, commanding and signaling devices can be connected directly via PROFINET to the controller and HMI devices – including with safety functions. Engineering and commissioning are simplified by the TIA Portal.

#### Extensive portfolio

- Customized versions, e.g. special locks, inscriptions, equipped enclosures
- Communication-capable thanks to direct interfacing to AS-Interface, IO-Link or PROFINET

#### Diverse possible applications

- National and international approvals
- Many trade approvals
- Short delivery times thanks to global availability

#### Standards

- IEC 60947-1
- IEC 60947-5-1
- IEC 60947-5-5 for EMERGENCY-STOP devices

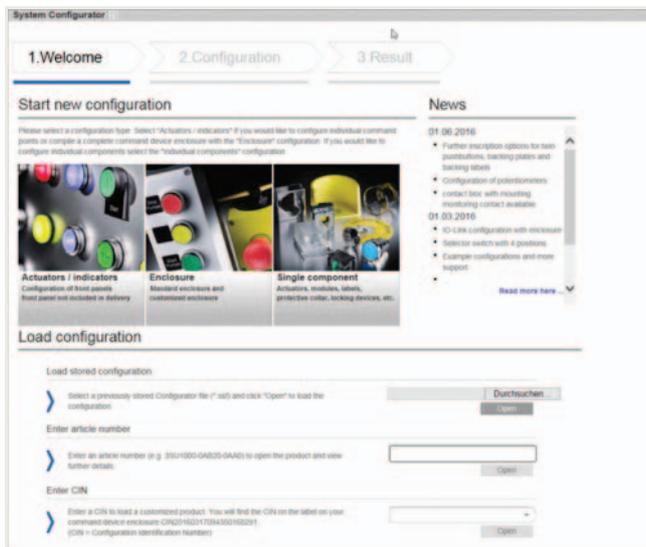
#### **More information**

Homepage, see [www.siemens.com/sirius-act](http://www.siemens.com/sirius-act)  
 SiePortal, see [www.siemens.com/product\\_catalog\\_siep?3SU1](http://www.siemens.com/product_catalog_siep?3SU1)  
 Configurator, see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)  
 Conversion tool, see [www.siemens.com/conversion-tool](http://www.siemens.com/conversion-tool)  
 System Manual, see <https://support.industry.siemens.com/cs/ww/en/view/107542462>  
 TIA Portal, see [www.siemens.com/TIA](http://www.siemens.com/TIA)  
 TIA Selection Tool Cloud (TST Cloud), see [www.siemens.com/tstcloud/?node=SiriusActConfigurator](http://www.siemens.com/tstcloud/?node=SiriusActConfigurator)



Video: SIRIUS ACT – Teaser trailer

### Configurator



- Fast and simple selection by intuitive navigation through clearly-organized menus using drag & drop
- Image preview of selected components
- Inscription of pushbuttons and labeling plates using the interactive inscription tools
- Once created, a configuration can be ordered as often as required using the customer-specific article number and the CIN (Configuration Identification Number)
- Everything at a glance: Product data sheets, certificates, dimensional drawings, list prices, inscription tool



Video: SIRIUS ACT – Configurator

### Connection methods

-  Screw terminals
-  Spring-loaded terminals, spring-loaded terminals (push-in)
-  Socket terminals (THT)
-  Insulation piercing method
-  Insulation displacement connection

The connection method is indicated in the corresponding tables by the symbols shown on orange backgrounds.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

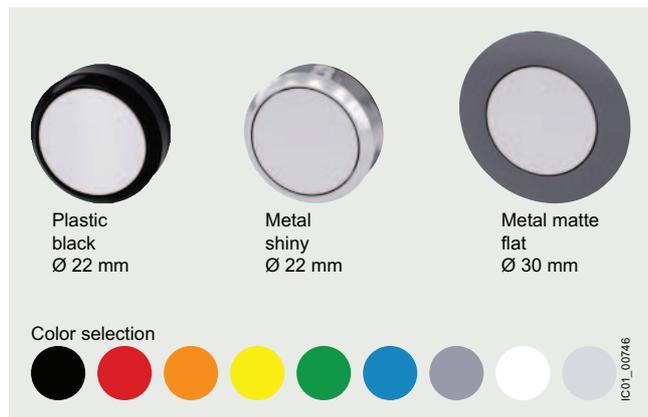
#### General data

#### Benefits

##### Design



Video: SIRIUS ACT – Design



SIRIUS ACT is available in three design lines.

##### Ruggedness



Video: SIRIUS ACT – Ruggedness



- Degree of protection IP66, IP67, IP69 (IP69K)

##### IP66

6 = Protection against the ingress of dust

6 = Protection against powerful splashwater

##### IP67

6 = Protection against the ingress of dust

7 = Protection against temporary immersion

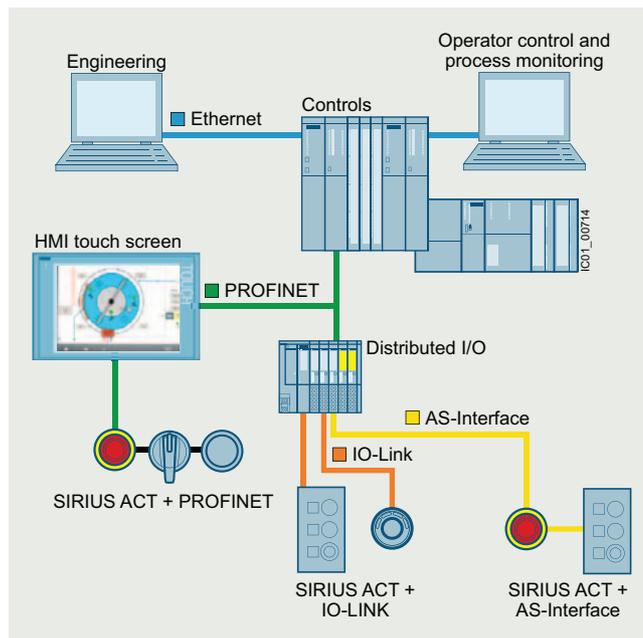
##### IP69 (IP69K)

6 = Protection against the ingress of dust

9 (9K) = Protection against water in high-pressure cleaning (approx. 80 bar) and high water jet temperatures (approx. 80 °C)

- Service life of 100 000 hours thanks to use of LEDs
- Media resistance (chemicals) thanks to solid high-grade steel and high-grade plastics
- Mechanical endurance of  $10 \times 10^6$  operating cycles
- Suitable for use in extreme environments
- Reliable, friction-locked fixing with just one screw
- Design stability according to use
- Simple geometry for mounting holes

##### Communication



- Direct connection of the enclosure to AS-Interface or IO-Link
- Direct connection in the control cabinet to PROFINET, IO-Link or AS-Interface
- Easy integration possible via the TIA Portal

##### Simple installation



Video: SIRIUS ACT – Installation



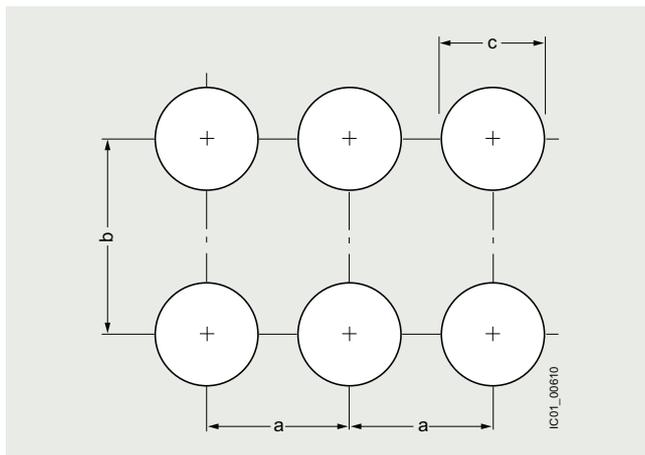
- Self-holding function of the actuator when mounting
- Twist prevention integrated into patented holder design
- Stackable contact modules
- Self-explanatory and fast installation using one hand
- Components can be mounted with holder removed
- No special tools required, simple size 2 screwdriver (cross-tip ISO 87641PZD1, flat-head ISO 2380-1 A/B 1x4.5) is sufficient

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

#### Mounting dimensions



Version	Minimum clearance		
	a	b	c
	mm	mm	mm
<b>22 mm, plastic, black</b> <b>22 mm, metal, shiny</b> <b>For front panel thickness 1 ... 6 mm</b>			
3-fold holder	30	40	22.3 <sup>+0.4</sup>
4-fold holder	40	40	22.3 <sup>+0.4</sup>
<b>30 mm, metal, matte</b> <b>For front panel thickness 1 ... 4 mm</b>			
3-slot holder	40	45	30.5 <sup>+0.5</sup>

#### Versions

SIRIUS ACT is a modular system of pushbuttons and indicator lights with which customized versions can be configured flexibly.

One command point comprises:

- An actuating or signaling element in front of the control panel
- A holder for securing behind the control panel
- Up to six contact modules and/or one LED module (mounted on the holder), 1-pole contacts can be stacked
- A comprehensive range of accessories for inscription/markings

#### Complete units

Complete units made up of an actuating or signaling element, holder and contact modules and/or LED modules are offered for the most frequent application cases. The electrical parts are integrated and only have to be wired.



- 1 Actuator
- 2 Holder
- 3 LED module
- 4 NO contact

#### Compact units

Signaling devices, pushbuttons with extended stroke and potentiometers are available as compact units. The electronic circuitry is already integrated in these devices, i.e. it is not necessary to snap on a contact or LED module.



- 1 Acoustic signaling device
- 2 Holder

#### Complete units

Plastic, black

Metal, shiny

#### Pages

13/25

13/48

#### Compact units

Plastic, black

Metal, shiny

#### Pages

13/33

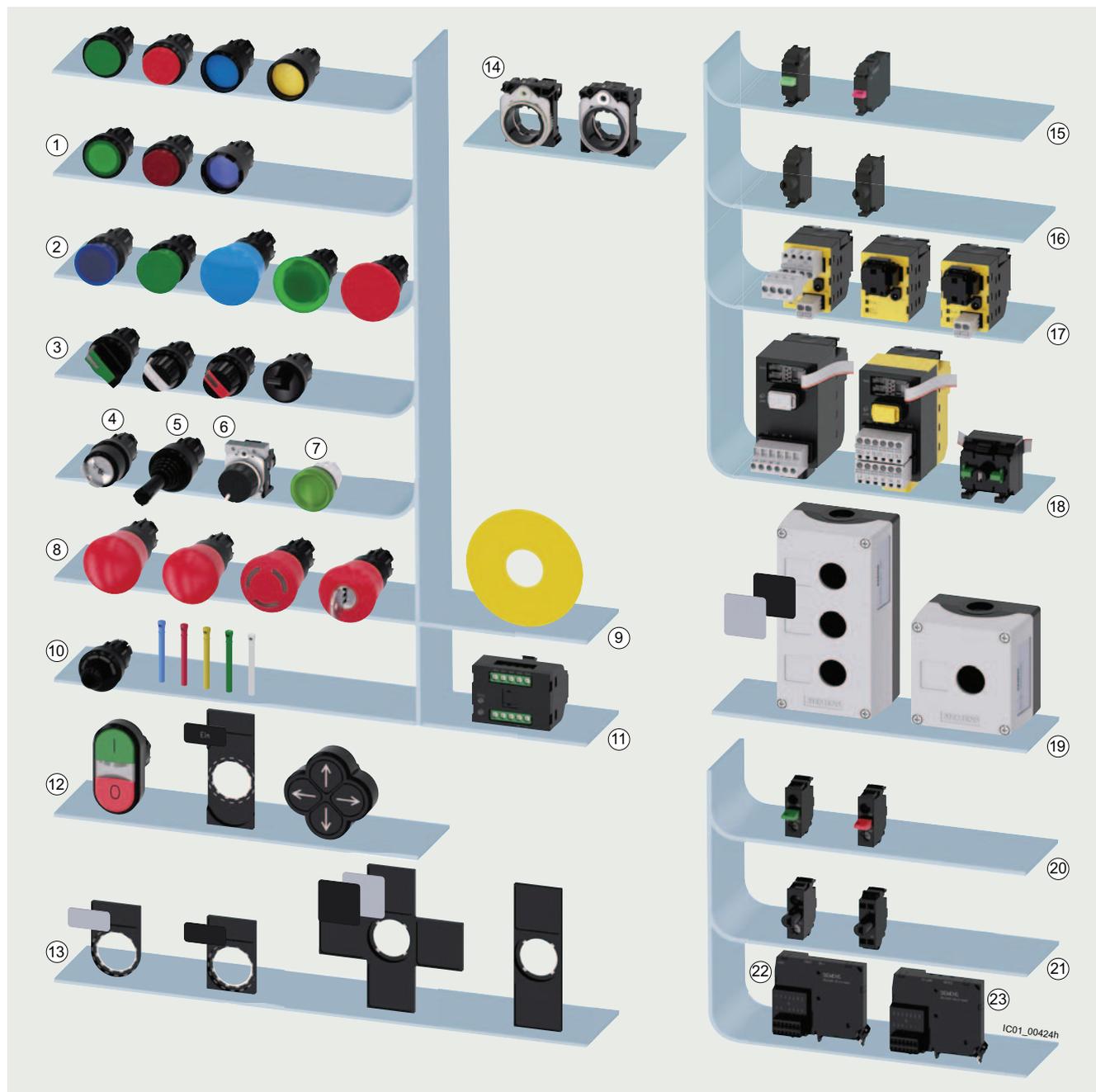
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## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

#### Actuating and signaling elements



System overview of SIRIUS ACT pushbuttons and indicator lights from the plastic design line, pushbuttons and indicator lights available in three design lines.

Actuating and signaling elements		Pages	Modules for front plate mounting		Pages
①	Pushbuttons, illuminated pushbuttons	13/25	⑮	Contact modules	From 13/80
②	Mushroom pushbuttons	13/27	⑯	LED modules	From 13/85
③	Selector switches, toggle switches	13/40, 13/41	⑰	AS-Interface modules	13/89
④⑤	Key-operated switches, coordinate switches	13/43, 13/46	⑱	Electronic modules for IO-Link	13/90
⑥⑦	Potentiometers, indicator lights	13/33, 13/46	⑲	Modules for PROFINET: Interface modules, fail-safe interface modules, terminal modules	13/92
⑧⑨	EMERGENCY-STOP mushroom pushbuttons, backing plates	13/28	<b>Enclosures</b>		<b>Pages</b>
⑩	ID key-operated switches, ID keys	13/45	⑳	Enclosures	From 13/95
⑪	Electronic modules for ID key-operated switches	13/91	<b>Modules for base mounting</b>		<b>Pages</b>
⑫	Twin pushbuttons, label holders, labeling plates, quadruple pushbuttons	13/37	㉑	Contact modules	From 13/84
<b>Holders and labels</b>		<b>Pages</b>	㉒	LED modules	From 13/87
⑬	Label holders, labeling plates	From 13/112	㉔	AS-Interface modules	13/89
⑭	Holders	From 13/77	㉕	Electronic modules for IO-Link	13/90

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## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

#### SIRIUS ACT with PROFINET

SIRIUS ACT with PROFINET connects pushbuttons and indicator lights directly via PROFINET to the controller and HMI devices – including with Safety functions.

With this solution designed for the control panel, up to 21 SIRIUS ACT devices can be connected to the controller via PROFINET. Integration of the EMERGENCY-STOP mushroom pushbutton (SIL 3/PL e) is possible via PROFIsafe.

Non-SIRIUS ACT devices, e.g. position switches, can additionally be connected via the open, digital/analog interfaces (DI, DQ, AI).

The system is entirely integrated into TIA Portal and does not require any further addressing apart from the IP address for PROFINET.

Quick and easy installation with flat ribbon cables without special tools significantly saves on wiring outlay.



Video: SIRIUS ACT, Communication/PROFINET



#### Interface modules/fail-safe interface modules



**Interface modules for PROFINET, 24 V DC**  
1 to 20 terminal modules can be connected

**3SU1400-1L□10-□AA1**

[See page 13/92](#)

#### Terminal modules



**Terminal modules with two contacts**  
**Terminal modules with two contacts and integrated LED**  
**Terminal modules with integrated LED**

**3SU1400-1MA□0-1□A1**

**3SU1401-1MC□0-1□A1**

**3SU1401-1ME□0-1□A1**

[See page 13/92](#)

#### Accessories



#### Memory modules

For backing up the complete parameterization of the safety system without a PC/PG through the system interface

**3RK3931-0AA00**

[See page 13/93](#)

#### LED modules for PROFINET interface modules

**3SU1401-3BA□0-5AA0**

[See page 13/93](#)

#### Flat ribbon cables

7 cores, length 5 m  
7 cores, length 10 m

**3SU1900-0KQ80-0AA0**

**3SU1900-0KP80-0AA0**

[See page 13/141](#)

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

##### ID key-operated switches

Groups of employees or individuals can be authenticated by means of the ID key-operated switch. The ID key-operated switch is electronic and has four switch positions that are selected by keys with different codes. Using the four ID keys with different codes, it is possible to select 1 to 4 positions. The ID keys are color-coded (yellow, blue, red, green, white) so that they can be clearly differentiated at a glance and used flexibly thanks to four function levels.



Video: SIRIUS ACT ID key-operated switches

##### RFID authentication solutions

Groups of employees or individuals can be authenticated by means of the ID key-operated switch. Color-coded keys for easy distinction between users.

Different versions of ID key-operated switches are available depending on the following features:

- Front ring material
- Conventional version: 1 + 4 non-isolated outputs
- Version with IO-Link: Option of individual coding

##### Operation:

Insert ID key, turn key to select the position. Standard keys can also be used in conjunction with the electronic module for ID key-operated switches with IO-Link function. The white ID key is supplied without coding.



**3SU1000-4WS10-0AA0**  
Plastic, black



**3SU1050-4WS10-0AA0**  
Metal, shiny



**3SU1500-0AA10-0AA0**  
Holder, plastic



**3SU1550-0AA10-0AA0**  
Holder, universal

##### ID key-operated switches

Number of switch positions	4			
Actuating angle	45°			
Operating principle	Latching			
Switch position for key removal	Key removal possible in all four positions			
Color	Black			
Pages	13/45	13/69	13/77	13/77



**3SU1400-1GC10-1AA0**



**3SU1400-1GD10-1AA0**

##### Electronic modules for ID key-operated switches

Type of power supply	--	Via IO-Link master
Protocol is supported	--	IO-Link protocol
Number of NO contacts	5	5
IO-Link transfer rate	--	COM2 (38.4 kBaud)
Pages	13/91	13/91



**3SU1900-0FU60-0AA0**

ID keys ID group individual



**3SU1900-0FV40-0AA0**  
**3SU1900-0FW30-0AA0**  
**3SU1900-0FX20-0AA0**  
**3SU1900-0FY50-0AA0**

ID keys

##### ID keys

Material	Plastic	Plastic
Version of RFID coding	Individually coded, programmable several times	ID group 1 ID group 2 ID group 3 ID group 4
Color	White	Green Yellow Red Blue
Pages	13/137	13/137

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

General data

#### Article number schemes

##### Device types



3SU10	3SU11	3SU12	3SU14	3SU15	3SU18	3SU19
<b>Device types</b>						
<b>Actuating and signaling elements</b>	<b>Complete units</b>	<b>Compact units</b>	<b>Modules for actuators and indicators</b>	<b>Holders with module</b>	<b>Enclosures</b>	<b>Accessories</b>

##### Actuating and signaling elements

Product versions		Article number														
<b>SIRIUS ACT pushbuttons and indicator lights</b>		<b>3SU1</b>	<input type="checkbox"/>													
Device type	Actuating and signaling elements	0														
Material (front ring)	Plastic, black Metal, shiny Metal, matte	0 5 6														
Illumination	Non-illuminated Illuminated/transparent Illuminated/non-illuminated	0 1 2														
Type of actuator/indicator	Pushbuttons Mushroom pushbutton/EMERGENCY-STOP mushroom pushbutton Selector switch Twin pushbutton, toggle switch, quadruple pushbutton Key-operated switch Indicator light/acoustic signaling device Coordinate switch	0 1 2 3 4/5 6 7														
Design of the actuator/lock	e.g. A = Flat								<input type="checkbox"/>							
Function	e.g. B = Momentary contact									<input type="checkbox"/>						
Color/key removal position	e.g. 10 = Black, 20 = Red										<input type="checkbox"/>	<input type="checkbox"/>				
Connection type	None													0		
Module/holder equipment	e.g. A = Without module, without holder														<input type="checkbox"/>	
Marking	e.g. A = None, C = "I", D = "O", R = "R"														<input type="checkbox"/>	
Ambient condition	Standard ATEX Zone 1-2: Intrinsic safety													0 2		
Example		<b>3SU1</b>	0	0	0	-	0	A	B	1	0	-	0	A	A	0

##### Note:

The article number scheme shows an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

##### Complete units

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1 □ □ □ - □ □ □ □ □ - □ □ □ □														
Device type	Complete units	1														
Material (front ring)	Plastic, black	0														
	Metal, shiny	5														
	Metal, matte	6														
Illumination	Non-illuminated	0														
	Illuminated (with/without LED, various voltages)	1														
		...	8													
Type of actuator/indicator	Pushbutton	0														
	Mushroom pushbutton/EMERGENCY-STOP mushroom pushbutton	1														
	Selector switch	2														
	Twin pushbutton, toggle switch	3														
	Key-operated switch	4/5														
	Indicator light/acoustic signaling device	6														
	Coordinate switch	7														
Design of the actuator/lock	e.g. A = Flat		<input type="checkbox"/>													
Function	e.g. B = Momentary contact			<input type="checkbox"/>												
Color/key removal position	e.g. 10 = Black, 20 = Red				<input type="checkbox"/>	<input type="checkbox"/>										
Connection type	Screw terminals								1							
	Spring-loaded terminals								3							
Module/holder equipment including contact material	e.g. A = Without module, with holder B = 1 NO contact with holder C = 1 NC contact with holder									<input type="checkbox"/>						
Marking	e.g. A = None, C = "I", D = "O", R = "R"										<input type="checkbox"/>					
Ambient condition	Standard										0					
	ATEX Zone 1-2: Intrinsic safety										2					
Example		3SU1	1	0	0	-	0	A	B	1	0	-	1	B	A	0

##### Compact units

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1 □ □ □ - □ □ □ □ □ - □ □ □ □														
Device type	Compact units	2														
Material (front ring)	Plastic, black	0														
	Metal, shiny	5														
	Metal, matte	6														
Illumination	Non-illuminated	0														
	Illuminated/non-illuminated	1														
Type of actuator/indicator	Pushbuttons	0														
	Potentiometers	2														
	Acoustic signaling device	6														
Design of the actuator/lock	e.g. A = Flat		<input type="checkbox"/>													
Function (voltage/resistance)	e.g. B = 24 V AC/DC			<input type="checkbox"/>												
Color	e.g. 10 = Black, 20 = Red				<input type="checkbox"/>	<input type="checkbox"/>										
Connection type	None									0						
	Screw terminals									1						
	M12 connection, 4-pole									2						
	Spring-loaded terminals									3						
Module/holder equipment including contact material	e.g. A = Without module, without holder B = 1 NO contact with holder C = 1 NC contact with holder									<input type="checkbox"/>						
Marking	e.g. A = None										<input type="checkbox"/>					
Ambient condition	Standard										0					
	ATEX Zone 1-2: Intrinsic safety										2					
Example		3SU1	2	0	1	-	6	A	B	1	0	-	1	A	A	0

##### Note:

The article number schemes show an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

#### Modules for actuators and indicators

Product versions		Article number																	
SIRIUS ACT pushbuttons and indicator lights		3	S	U	1	□	□	□	□	-	□	□	□	□	□	□	□		
Device type	Modules for actuators and indicators	4																	
Material (front ring)	Plastic, black	0																	
Illumination	Non-illuminated	0																	
	Illuminated	1																	
Mounting type	Front plate mounting	1																	
	Base mounting	2																	
	Printed circuit board	3																	
Module type	Contact module										A								
	LED module										B								
	LED test module										C								
	Support terminal										D								
	AS-Interface module										E								
	Electronic module for ID key-operated switches										G								
	Interface module for PROFINET										L								
	Terminal module										M								
Function/voltage	e.g. B = 24 V AC/DC										□								
Color	e.g. 10 = Black, 20 = Red										□	□							
Connection type	Screw terminals																1		
	Screw terminals + insulation piercing method																2		
	Spring-loaded terminals																3		
	Spring-loaded terminals + insulation piercing method																4		
	Socket terminals																5		
Module equipment including contact material	e.g. A = None B = 1 NO contact, silver C = 1 NC contact, silver																□		
Marking	None																A		
Ambient condition	Standard																	0	
	ATEX Zone 1-2: Intrinsic safety																	2	
Example		3	S	U	1	4	0	0	-	1	A	A	1	0	-	1	B	A	0

#### Holders

Product versions		Article number																	
SIRIUS ACT pushbuttons and indicator lights		3	S	U	1	□	□	□	□	-	□	□	□	□	□	□	□		
Device type	Holders	5																	
Material (front ring)	Plastic, black	0																	
	Metal, shiny	1																	
	Universal for plastic and metal	5																	
Illumination	Non-illuminated	0																	
	Illuminated	1																	
Mounting type	None																0		
	Front plate mounting																1		
Holder type	3x																A		
	4x																B		
Function/voltage	None																A		
	6 ... 24 V AC/DC																G		
Color	e.g. 10 = Black, 20 = Red																□	□	
Connection type	None																	1	
	Screw terminals																	2	
Module equipment including contact material and slot	e.g. A = None B = 1 NO contact, silver C = 1 NC contact, silver																	□	
Marking	None																	A	
Ambient condition	Standard																		0
	ATEX Zone 1-2: Intrinsic safety																		2
Example		3	S	U	1	5	0	0	-	0	A	A	1	0	-	0	A	A	0

#### Note:

The article number schemes show an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

##### Enclosures

Product versions		Article number																		
SIRIUS ACT pushbuttons and indicator lights		3SU1 □ □ □ - □ □ □ □ □ - □ □ □ □																		
Device type	Enclosures	8																		
Material (enclosure/front ring)	Plastic, black plastic	0																		
	Metal, shiny metal	5																		
Number of command points	Command point	1																		
	... Command points	6																		
Type of enclosure	Surface mounting	0																		
	4-position selector switch and coordinate switch	1																		
	Palm pushbutton	2																		
	Two-hand operation console	3																		
Equipment	e.g. command point, inscription, module																			
Communication capability	None																			
	AS-i	1																		
Ambient condition	Standard																			
	ATEX Zone 1-2: Intrinsic safety	2																		
Mounting/connection of modules	None												0							
	Front plate mounting, screw terminals												1							
	Base mounting, screw terminals												2							
	Front mounting, spring-loaded terminals												3							
	Base mounting, spring-loaded terminals												4							
Cable exit from enclosure	None												A							
	Direct entry of AS-i flat cable at top/on right												G							
	AS-i insulation piercing method at top/on right												H							
Design of enclosure top	Center command point												A							
	With recess for labeling plate												B							
	With protective collar												C							
	4 additional holes (two-hand operation console)												D							
	8 additional premachined breaking points (two-hand operation console)												E							
Color of enclosure top	Gray												1							
	Yellow												2							
Example			3	S	U	1	8	0	1	-	0	A	A	0	0	-	0	A	A	2

##### Accessories

Product versions		Article number																		
SIRIUS ACT pushbuttons and indicator lights		3SU1 □ □ □ - □ □ □ □ □ - □ □ □ □																		
Device type	Accessories	9																		
Material	Plastic, black	0																		
	Metal, shiny	5																		
	Metal, matte	6																		
Illumination	Non-illuminated	0																		
	Illuminated	1																		
Type of accessory (labels, protection, actuator, enclosure)	e.g. 0AB = Insert label																			
Color	e.g. 10 = Black, 20 = Red																			
Marking	e.g.																			
	0AA = None																			
	0AB = ON																			
	0AT = EMERGENCY STOP																			
Ambient condition	Standard																			
	ATEX Zone 1-2: Intrinsic safety	2																		
Example			3	S	U	1	9	0	0	-	0	A	B	2	0	-	0	A	B	0

##### Note:

The article number schemes show an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

#### Ordering notes for multi-unit packaging

##### Multi-unit packaging with order code X90

SIRIUS ACT pushbuttons and indicator lights can also be ordered in practical, environment-friendly multi-unit packaging.



Examples of multi-unit packaging with order code X90

SIRIUS ACT pushbuttons and indicator lights	Multi-unit or quantity per pack X90
Complete units (3SU11)	20
Compact units (3SU12)	
• Acoustic signaling devices, pushbuttons with extended stroke, potentiometers	50
Actuating and signaling elements (3SU10)	
• Pushbuttons, illuminated pushbuttons, indicator lights	
- 3SU100, 3SU105	100
- 3SU106	50
• Stop buttons, twin pushbuttons, mushroom pushbuttons 30/40 mm, EMERGENCY-STOP mushroom pushbuttons 30/40 mm, toggle switches, selector switches, key-operated switches, ID key-operated switches, coordinate switches	50
• Mushroom pushbuttons 60 mm, EMERGENCY-STOP mushroom pushbuttons 60 mm	40
Holder without module (3SU15)	100
Modules for actuators and indicators (3SU14)	
• Contact modules	150
• LED modules	50
Enclosures (3SU18)	
• Empty plastic enclosures	
- 3SU1801-0AA00-0AA2, 3SU1801-0AA00-0AB1	24
- 3SU1801-0AA00-0AC2	18
Accessories (3SU19)	
• Label holders, EMERGENCY-STOP backing plates, labeling plates for potentiometers, EMERGENCY-STOP labeling plates for enclosures without recesses and without inscription, single frames, dust caps for key-operated switches, adapters for DIN-rail mounting, protective collars for EMERGENCY-STOP mushroom pushbuttons (40 mm, for 5 padlocks, yellow)	100
• Labeling plates	150
• Sealing plugs	
- 3SU190, 3SU195	100
- 3SU196	50

When ordering products in multi-unit packaging, the article number of the product concerned must be supplemented with **"-Z"** and, in addition, the order code **X90** must be specified.

Ordering example:

3SU1000-0AB20-0AA0-Z X90;

Order quantity 100 items →

Packed number of items 100

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

#### Application

##### Environmental conditions

The pushbuttons and indicator lights are climate-proof (KTW 24) and suitable for standard industrial applications and operation in marine applications.

##### Simple electrical equipment

Non-illuminated actuators, contact modules, enclosures and special accessories can be classified as simple electrical equipment according to IEC 60079-11. This means that they may be used in intrinsically safe circuits and in potentially explosive atmospheres. An overview of the devices and atmospheres can be found in Confirmation No. 3287.01.

##### Safety EMERGENCY-STOP pushbuttons according to ISO 13850

For controls according to IEC 60204-1, the SIRIUS ACT mushroom pushbuttons are suitable for use as a safety EMERGENCY STOP.

##### Safety circuits

Standard IEC 60947-5-1 requires positive opening of the NC contacts. This means that for the purpose of personal safety, the reliable opening of NC contacts in all safety circuits is expressly prescribed for the electrical equipment of machines and is designated according to IEC 60947-5-1 with the symbol .

PL e according to ISO 13849-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding fail-safe evaluation units are selected and correctly installed, e.g. the 3SK safety relays (see page 11/1 onwards) or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

#### Technical specifications

##### More information

SiePortal, see [www.siemens.com/product\\_catalog\\_siep?3SU1](http://www.siemens.com/product_catalog_siep?3SU1)  
Configurator, see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)

Conversion tool, see [www.siemens.com/conversion-tool](http://www.siemens.com/conversion-tool)  
System Manual, see <https://support.industry.siemens.com/cs/ww/en/view/107542462>

Article number	3SU10.0-0AA 3SU10.0-0JA	3SU10.0-0AB 3SU10.0-0BB 3SU10.0-0CB 3SU10.0-0DB 3SU10.0-0JB	3SU10.1-0AA 3SU10.1-0JA	3SU10.1-0AB 3SU10.1-0BB 3SU10.1-0JB	3SU1000-3F
Product designation	Pushbuttons		Illuminated pushbuttons		Quadruple pushbuttons
Operating principle of the actuating element	Latching	Momentary contact	Latching	Momentary contact	
Optional expansion of product by light source	No		Yes		No
Mechanical endurance (operating cycles), typical	500 000	10 000 000	500 000	3 000 000	200 000
Frequency of operation, maximum	1/h 1 800	3 600	1 800	3 600	2 400
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms				
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g				
Degree of protection IP	IP66, IP67, IP69 (IP69K)				IP65, IP66
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)				
Ambient temperature					
• During operation	°C	-25 ... +70			
• During storage	°C	-40 ... +80			

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

Article number	<b>3SU1.00-AA</b> <b>3SU1.00-BA</b> <b>3SU1.00-CA</b> <b>3SU1.50-AA</b> <b>3SU1.50-BA</b> <b>3SU1.50-CA</b>	<b>3SU1.50-EA</b>	<b>3SU1.01-AA</b> <b>3SU1.01-BA</b> <b>3SU1.51-AA</b> <b>3SU1.51-BA</b> <b>3SU1.51-CA</b>	<b>3SU1.00-AD</b> <b>3SU1.00-BD</b> <b>3SU1.00-CD</b> <b>3SU1.50-AD</b> <b>3SU1.50-BD</b> <b>3SU1.50-CD</b>	<b>3SU1050-1ED</b>	<b>3SU1001-1AD</b> <b>3SU1001-1BD</b>
Product designation	<b>Mushroom pushbuttons</b>					
Operating principle of the actuating element	Latching			Momentary contact		
Optional expansion of product by light source	No		Yes	No		Yes
Mechanical endurance (operating cycles), typical	500 000	300 000	500 000	10 000 000	300 000	3 000 000
Frequency of operation, maximum	1/h	1 800		3 600	1 800	3 600
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms					
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g					
Degree of protection IP	IP66, IP67, IP69 (IP69K)					
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)					
Ambient temperature						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				

Article number	<b>3SU1...-G</b> <b>3SU1...-H</b> <b>3SU1...-J</b>
Product designation	<b>EMERGENCY-STOP mushroom pushbuttons</b>
Mechanical endurance (operating cycles), typical	300 000
Frequency of operation, maximum	1/h 600
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g
Degree of protection IP	IP66, IP67, IP69 (IP69K)
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)
Ambient temperature	
• During operation	°C -25 ... +70
• During storage	°C -40 ... +80

Article number	<b>3SU1103-2BF</b> <b>3SU1152-2BF</b>	<b>3SU1100-2B</b> <b>3SU1150-2B</b> <b>3SU1150-2C</b>	<b>3SU1000-2A</b> <b>3SU1002-2A</b> <b>3SU1002-2B</b> <b>3SU1002-2C</b> <b>3SU1002-2F</b> <b>3SU1002-2H</b> <b>3SU1052-2B</b> <b>3SU1052-2C</b> <b>3SU1052-2F</b>	<b>3SU1050-2A</b> <b>3SU1062-2D</b> <b>3SU1062-2E</b>	<b>3SU1000-3E</b> <b>3SU1050-3E</b>
Product designation	<b>Selector switches</b>				<b>Toggle switches</b>
Mechanical endurance (operating cycles), typical	1 000 000			300 000	1 000 000
Frequency of operation, maximum	1/h	1 800			
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms				
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g				
Degree of protection IP	IP66, IP67, IP69 (IP69K)				
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)	
Ambient temperature					
• During operation	°C	-25 ... +70			
• During storage	°C	-40 ... +80			

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

Article number	3SU1000-4B 3SU1000-4C 3SU1000-4D 3SU1000-4F 3SU1000-4G 3SU1000-4H 3SU1000-4J 3SU1000-5B 3SU1000-5H 3SU1000-5P 3SU1000-5Q 3SU1000-5R 3SU1000-5S 3SU1000-5T	3SU1050-4B 3SU1050-4C 3SU1050-4D 3SU1050-4F 3SU1050-4G 3SU1050-4H 3SU1050-4J 3SU1050-5B 3SU1050-5H 3SU1050-5K 3SU1050-5L 3SU1050-5P 3SU1050-5Q 3SU1050-5R 3SU1050-5S 3SU1050-5T 3SU1060-4L	3SU1100-4B 3SU1100-5B 3SU1100-5N	3SU1150-4B	3SU1000-5J	3SU1050-5J
Product designation	<b>Key-operated switches</b>					
<b>Mechanical endurance (operating cycles), typical</b>	1 000 000	300 000	1 000 000	300 000	1 000 000	300 000
<b>Frequency of operation, maximum</b>	1/h	1 800				
<b>Shock resistance according to IEC 60068-2-27</b>	Half-sine wave 15 g/11 ms					
<b>Vibration resistance according to IEC 60068-2-6</b>	10 ... 500 Hz: 5 g					
<b>Degree of protection IP</b>	IP66, IP67, IP69 (IP69K)				IP54	
<b>Environmental category during operation according to IEC 60721</b>	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)	
<b>Ambient temperature</b>						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				
Article number	3SU10.0-7.C 3SU10.0-7.D 3SU10.0-7.F	3SU10.0-7.A 3SU10.0-7.B 3SU10.0-7.E	3SU11.0-7.C 3SU11.0-7.D 3SU11.0-7.F	3SU11.0-7.A 3SU11.0-7.B 3SU11.0-7.E		
Product designation	<b>Coordinate switches</b>					
<b>Operating principle of the actuating element</b>	V	Momentary contact	Latching	Momentary contact	Latching	
<b>Frequency of operation, maximum</b>	1/h	2 400				
<b>Vibration resistance according to IEC 60068-2-6</b>	Half-sine wave 15 g/11 ms					
<b>Shock resistance according to IEC 60068-2-27</b>	10 ... 500 Hz: 5 g					
<b>Degree of protection IP</b>	IP65, IP67					
<b>Environmental category during operation according to IEC 60721</b>	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)			3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)		
<b>Ambient temperature</b>						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

Article number	3SU1400-.....1B 3SU1400-.....1C 3SU1400-.....1L 3SU1400-.....1M	3SU1400-.....1D 3SU1400-.....1E 3SU1400-.....1F 3SU1400-.....1G 3SU1400-.....1H 3SU1400-.....1N 3SU1400-.....1P 3SU1400-.....1Q 3SU1400-.....1R	3SU1400-.....3	3SU1400-.....5
Product designation	<b>Contact modules</b>			
<b>Insulation voltage</b>	V	500		250
<b>Pollution degree</b>		3		
<b>Impulse withstand voltage</b>	kV	6		4
<b>Operational voltage type</b>		AC/DC		
<b>Operational voltage</b>				
• At AC at 50 Hz	V	5 ... 500		5 ... 240
• At DC	V	5 ... 500		5 ... 250
<b>Thermal current</b>	A	10		
<b>Operational current</b>		<a href="#">See respective product data sheet</a>		
<b>Contact reliability</b>		One contact failure per 100 million switching operations (17 V, 5 mA), one contact failure per 10 million switching operations (5 V, 1 mA)		
<b>Mechanical endurance (operating cycles), typical</b>		10 000 000		
<b>Frequency of operation, maximum</b>	1/s	3 600		
<b>Fuse link version required for short-circuit protection of the auxiliary switch with type of coordination 1</b>		gG/Dz 10 A, quick-response/Dz 10 A		
<b>Uninterrupted current of miniature circuit breaker C characteristic</b>	A	10		
<b>Vibration resistance according to IEC 60068-2-6</b>		10 ... 500 Hz: 5 g		
<b>Shock resistance according to IEC 60068-2-27</b>		Half-sine wave 15 g/11 ms		
<b>Environmental category during operation according to IEC 60721</b>		3M6, 3S2, 3B2, 3C3 (without salt fog), 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)		
<b>Ambient temperature</b>				
• During operation	°C	-25 ... +70		
• During storage	°C	-40 ... +80		
<b>Degree of protection IP</b>				
• Of the enclosure		IP40		
• Of the terminal		IP20	IP20, terminal screw tightened	IP20
<b>Type of electrical connection</b>		 <b>Screw terminals</b>	 <b>Spring-loaded terminals</b>	 <b>Socket terminals (THT)</b>
<b>Type of connectable conductor cross-sections</b>				
• Solid				
- Without end sleeve		2 x (1.0 ... 1.5 mm <sup>2</sup> )	2 x (0.25 ... 1.5 mm <sup>2</sup> )	--
- With end sleeve		2 x (0.5 ... 0.75 mm <sup>2</sup> )	--	
• Finely stranded				
- Without end sleeve		2 x (1.0 ... 1.5 mm <sup>2</sup> )	2 x (0.25 ... 1.5 mm <sup>2</sup> )	--
- With end sleeve		2 x (0.5 ... 1.5 mm <sup>2</sup> )	2 x (0.25 ... 0.75 mm <sup>2</sup> )	--
• For AWG cables		2 x (18 ... 14)	2 x (24 ... 16)	--
<b>Tightening torque for screw terminals</b>	Nm	0.8 ... 0.9	--	

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

Article number	3SU1401-.BB.0-1 3SU1401-.BC.0-1 3SU1401-.BF.0-1 3SU1401-.BG.0-1 3SU1401-.BH.0-1	3SU1401-2BB.0-3 3SU1401-.BC.0-3 3SU1401-.BF.0-3 3SU1401-.BG.0-3 3SU1401-2BH.0-3	3SU1401-1BH.0-3	3SU1401-1BB.0-3	3SU1401-.BA.0-5
Product designation	<b>LED modules</b>				
<b>Light source integrated in product</b>	Yes				
<b>Type of light source</b>	LED				
<b>Insulation voltage</b>	V	320			30
<b>Pollution degree</b>		3			
<b>Impulse withstand voltage</b>	kV	4			0.8
<b>Relative positive tolerance of the operational voltage</b>	%	20		25	20
<b>Relative negative tolerance of the operational voltage</b>	%	20	30		20
<b>Operating time, typical</b>	h	100 000			
<b>Vibration resistance according to IEC 60068-2-6</b>		10 ... 500 Hz: 5 g			
<b>Shock resistance according to IEC 60068-2-27</b>		Half-sine wave 15 g/11 ms			
<b>Environmental category during operation according to IEC 60721</b>		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)			3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)
<b>Ambient temperature</b>					
• During operation	°C	-25 ... +70			
• During storage	°C	-40 ... +80			
<b>Degree of protection IP of the terminal</b>		IP20			
<b>Type of electrical connection</b>		 <b>Screw terminals</b>	 <b>Spring-loaded terminals</b>	 <b>Socket terminals (THT)</b>	

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

Article number	3SU1400-1GC10-1AA0	3SU1400-1GD10-1AA0
Product designation	Electronic modules for ID key-operated switches	
<b>Communication/protocol</b>		
Protocol is supported by IO-Link protocol	No	Yes
Product function	Group ID 24 V DC	IO-Link 24 V DC
IO-Link transfer rate	--	COM2 (38.4 kBaud)
Point-to-point cycle time between the master and the IO-Link device, minimum	ms --	10
Type of power supply via IO-Link master	--	Yes
<b>Data volume</b>		
• Of the address range of the inputs	bytes --	2
• Of the address range of the outputs	bytes --	0
Number of NO contacts for auxiliary contacts	5	
<b>General data</b>		
Impulse withstand voltage	kV 0.8	
Insulation voltage	V 30	
Pollution degree	3	
<b>Voltage type</b>		
• Of operational voltage	DC	
• Of input voltage	DC	
<b>Operational voltage</b>		
• Rated value	V 18 ... 30	
• At DC, rated value	V 24	
Current consumed, maximum	mA 49	
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)	
<b>Ambient temperature</b>		
• During operation	°C -25 ... +70	
• During storage	°C -40 ... +80	
Degree of protection IP	IP20, terminal screw tightened	
Touch protection against electric shock	Finger-safe	
<b>Connections</b>		
Type of electrical connection	 Screw terminals	
<b>Type of connectable conductor cross-sections</b>		
• Solid	1 x (0.2 ... 2.5 mm <sup>2</sup> )	
- Without end sleeve		
• Finely stranded	1 x (0.2 ... 2.5 mm <sup>2</sup> ), 2 x (0.2 ... 0.75 mm <sup>2</sup> )	
- Without end sleeve		
- With end sleeve	1 x (0.25 ... 1.5 mm <sup>2</sup> ), 2 x (0.5 ... 0.75 mm <sup>2</sup> )	
• For AWG cables	1 x (26 ... 14)	
Tightening torque for screw terminals	Nm 0.4 ... 0.4	

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### General data

Article number	3SU1400-1LK10-1AA1	3SU1400-1LK10-3AA1	3SU1400-1LK10-1BA1	3SU1400-1LK10-3BA1	3SU1400-1LL10-1BA1	3SU1400-1LL10-3BA1
Product designation	Interface modules for PROFINET				Fail-safe interface modules for PROFINET	
<b>Operational voltage type</b>	DC					
<b>Supply voltage at DC rated value</b>	V	24				
<b>Current consumed, maximum</b>	mA	100		150	100	
<b>Product function at interface 1 PROFINET IO device</b>	Yes					
<b>Type of interface Fast Ethernet interface</b>	Yes					
<b>Interface 1 type RJ45 (Ethernet)</b>	Yes					
<b>Number of ports at interface 1</b>	1					
<b>Number of modules per rack, maximum</b>	20					
<b>Number of digital outputs</b>	0		1		0	
<b>Number of digital inputs</b>	0		4			
• Safety-related	0					
<b>Software version required for STEP 7 in the TIA Portal</b>	Integrated in the TIA Portal with version 14 SP1 or higher (HSP for V13 and V14)			TIA Portal V13	Integrated in the TIA Portal with version 14 SP1 or higher (HSP for V13 and V14)	
<b>Safety Integrity Level (SIL) according to IEC 62061</b>	--				SIL 3	
<b>Performance Level (PL) according to ISO 13849-1</b>	--				PL e	
<b>Environmental category during operation according to IEC 60721</b>	3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)					
<b>Ambient temperature</b>						
• During operation	°C	-25 ... 60				
• During storage	°C	-40 ... 80				
<b>Degree of protection IP</b>	IP20, terminal screw tightened	IP20	IP20, terminal screw tightened	IP20	IP20, terminal screw tightened	IP20
<b>Connectable conductor cross-section</b>						
• Solid	0.2 ... 2.5 mm <sup>2</sup>					
- With end sleeve	0.2 ... 2.5 mm <sup>2</sup>					
• Finely stranded	0.2 ... 2.5 mm <sup>2</sup>					
- Without end sleeve	0.2 ... 2.5 mm <sup>2</sup>					
- With end sleeve	0.25 ... 2.5 mm <sup>2</sup>					

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Supply voltage for light source		Color	Number of			Screw terminals	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO contacts	NC contacts				
V	V					Article No.	Price per PU		

## Pushbuttons



3SU1100-0AB40-1BA0

**Pushbuttons with flat button, momentary contact**

--	--	Black	1	1	0	3SU1100-0AB10-1BA0	1	1 unit	41J
				0	1	3SU1100-0AB10-1CA0	1	1 unit	41J
				1	1	3SU1100-0AB10-1FA0	1	1 unit	41J
		Red	1	1	0	3SU1100-0AB20-1BA0	1	1 unit	41J
				0	1	3SU1100-0AB20-1CA0	1	1 unit	41J
				1	1	3SU1100-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1100-0AB30-1BA0	1	1 unit	41J
				1	1	3SU1100-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1100-0AB40-1BA0	1	1 unit	41J
				1	1	3SU1100-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1100-0AB50-1BA0	1	1 unit	41J
				1	1	3SU1100-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1100-0AB60-1BA0	1	1 unit	41J
				1	1	3SU1100-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1100-0AB70-1BA0	1	1 unit	41J
				1	1	3SU1100-0AB70-1FA0	1	1 unit	41J
		Gray	1	1	1	3SU1100-0AB80-1FA0	1	1 unit	41J



3SU1100-0BB20-1CA0

**Pushbuttons with raised button, momentary contact**

--	--	Black	1	0	1	3SU1100-0BB10-1CA0	1	1 unit	41J
				1	1	3SU1100-0BB10-1FA0	1	1 unit	41J
		Red	1	0	1	3SU1100-0BB20-1CA0	1	1 unit	41J
				1	1	3SU1100-0BB20-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1100-0BB50-1BA0	1	1 unit	41J



3SU1102-0AB40-1BA0

**Illuminated pushbuttons with flat button, momentary contact with integrated LED**

24	24	Red	1	1	0	3SU1102-0AB20-1BA0	1	1 unit	41J
				0	1	3SU1102-0AB20-1CA0	1	1 unit	41J
				1	1	3SU1102-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1102-0AB30-1BA0	1	1 unit	41J
				1	1	3SU1102-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1102-0AB40-1BA0	1	1 unit	41J
				1	1	3SU1102-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1102-0AB50-1BA0	1	1 unit	41J
				1	1	3SU1102-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1102-0AB60-1BA0	1	1 unit	41J
				1	1	3SU1102-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1102-0AB70-1BA0	1	1 unit	41J
				1	1	3SU1102-0AB70-1FA0	1	1 unit	41J
110	--	Red	1	0	1	3SU1103-0AB20-1CA0	1	1 unit	41J
				1	1	3SU1103-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1103-0AB30-1BA0	1	1 unit	41J
				1	1	3SU1103-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1103-0AB40-1BA0	1	1 unit	41J
				1	1	3SU1103-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1103-0AB50-1BA0	1	1 unit	41J
				1	1	3SU1103-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1103-0AB60-1BA0	1	1 unit	41J
				1	1	3SU1103-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1103-0AB70-1BA0	1	1 unit	41J
				1	1	3SU1103-0AB70-1FA0	1	1 unit	41J



3SU1103-0AB20-1CA0

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, round, plastic, black



### Complete units > Pushbuttons

Multi-unit packaging, see page 13/17.

Supply voltage for light source		Color	Number of			Screw terminals	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO contacts	NC contacts				
V	V					Article No.	Price per PU		

#### Pushbuttons



3SU1106-0AB40-1BA0

#### Illuminated pushbuttons with flat button, momentary contact with integrated LED

230	--	Red	1	0	1	3SU1106-0AB20-1CA0 3SU1106-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1106-0AB30-1BA0 3SU1106-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1106-0AB40-1BA0 3SU1106-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1106-0AB50-1BA0 3SU1106-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1106-0AB60-1BA0 3SU1106-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1106-0AB70-1BA0 3SU1106-0AB70-1FA0	1	1 unit	41J

#### Spring-loaded terminals



3SU1100-0AB30-3BA0

#### Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	3SU1100-0AB10-3BA0 3SU1100-0AB10-3CA0 3SU1100-0AB10-3FA0	1	1 unit	41J
		Red	1	0	1	3SU1100-0AB20-3CA0 3SU1100-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1100-0AB30-3BA0 3SU1100-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3SU1100-0AB40-3BA0 3SU1100-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	3SU1100-0AB50-3BA0 3SU1100-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1100-0AB60-3BA0 3SU1100-0AB60-3FA0	1	1 unit	41J



3SU1102-0AB20-3CA0

#### Illuminated pushbuttons with flat button, momentary contact with integrated LED

24	24	Red	1	0	1	3SU1102-0AB20-3CA0 3SU1102-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1102-0AB30-3BA0 3SU1102-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3SU1102-0AB40-3BA0 3SU1102-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	3SU1102-0AB50-3BA0 3SU1102-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1102-0AB60-3BA0 3SU1102-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	3SU1102-0AB70-3BA0 3SU1102-0AB70-3FA0	1	1 unit	41J
110	--	Red	1	0	1	3SU1103-0AB20-3CA0 3SU1103-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	1	3SU1103-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3SU1103-0AB40-3BA0 3SU1103-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	1	3SU1103-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1103-0AB60-3BA0 3SU1103-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	3SU1103-0AB70-3BA0 3SU1103-0AB70-3FA0	1	1 unit	41J
230	--	Red	1	0	1	3SU1106-0AB20-3CA0 3SU1106-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	1	3SU1106-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3SU1106-0AB40-3BA0 3SU1106-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	1	3SU1106-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1106-0AB60-3BA0 3SU1106-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	3SU1106-0AB70-3BA0 3SU1106-0AB70-3FA0	1	1 unit	41J

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Unlatching method	Number of contact modules		Screw terminals 	PU (UNIT, SET, M)	PS*	PG
	NO contacts	NC contacts				
	Article No.	Price per PU				

## Mushroom pushbuttons



3SU1100-1BA20-3CA0

**With red mushroom, 40 mm diameter, latching**

Pull to unlatch	1	0	1	<b>3SU1100-1BA20-1CA0</b>	1	1 unit	41J
		1	1	<b>3SU1100-1BA20-1FA0</b>	1	1 unit	41J

**Spring-loaded terminals **

Pull to unlatch	1	0	1	<b>3SU1100-1BA20-3CA0</b>	1	1 unit	41J
		1	1	<b>3SU1100-1BA20-3FA0</b>	1	1 unit	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, round, plastic, black



### Complete units > EMERGENCY-STOP mushroom pushbuttons

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Unlatching method	Number of contact modules		Marking	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	NO contacts	NC contacts					
				Article No.	Price per PU		

#### EMERGENCY-STOP mushroom pushbuttons, without yellow backing plate, according to ISO 13850 and IEC 60947-5

<b>With red mushroom, 30 mm diameter, with positive latching</b>							
	Rotate to unlatch	2	0	2	--	⊕	
							<b>3SU1100-1GB20-1PA0</b>
							1 1 unit 41J

<b>With red mushroom, 40 mm diameter, with positive latching</b>							
	Rotate to unlatch	2	0	2	--	⊕	
							<b>3SU1100-1HB20-1PA0</b>
							1 1 unit 41J

#### EMERGENCY-STOP mushroom pushbuttons, with self-adhesive yellow backing plate (75 mm diameter), according to ISO 13850 and IEC 60947-5-5

<b>With red mushroom, 40 mm diameter, with positive latching</b>								
	Pull to unlatch	1	0	1	NOT-HALT	⊕	<b>3SU1100-1HA20-1CH0</b>	1 1 unit 41J
			1	1	NOT-HALT	⊕	<b>3SU1100-1HA20-1FH0</b>	1 1 unit 41J
					EMERGENCY STOP	⊕	<b>3SU1100-1HA20-1FG0</b>	1 1 unit 41J
	Rotate to unlatch	1	0	1	--	⊕	<b>3SU1100-1HB20-1CF0</b>	1 1 unit 41J
					NOT-HALT	⊕	<b>3SU1100-1HB20-1CH0</b>	1 1 unit 41J
					EMERGENCY STOP	⊕	<b>3SU1100-1HB20-1CG0</b>	1 1 unit 41J
					ARRET D'URGENCE	⊕	<b>3SU1100-1HB20-1CJ0</b>	1 1 unit 41J
			0	2	EMERGENCY STOP	⊕	<b>3SU1100-1HB20-1PG0</b>	1 1 unit 41J
			1	1	NOT-HALT	⊕	<b>3SU1100-1HB20-1FH0</b>	1 1 unit 41J
					EMERGENCY STOP	⊕	<b>3SU1100-1HB20-1FG0</b>	1 1 unit 41J
					ARRET D'URGENCE	⊕	<b>3SU1100-1HB20-1FJ0</b>	1 1 unit 41J
						<b>Spring-loaded terminals</b>		
Rotate to unlatch	1	0	1	NOT-HALT	⊕	<b>3SU1100-1HB20-3CH0</b>	1 1 unit 41J	
		1	1	NOT-HALT	⊕	<b>3SU1100-1HB20-3FH0</b>	1 1 unit 41J	

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Operating principle	Color	Number of			Screw terminals	PU (UNIT, SET, M)	PS*	PG
		contact modules	NO contacts	NC contacts				
								
					Article No.	Price per PU		

## Selector switches



3SU1100-2BF60-1BA0



3SU1100-2BL60-1NA0

**Short black actuators, 2 switch positions, can be illuminated**

Latching, 90° (10:30/1:30 o'clock)	White	1	1	0	3SU1100-2BF60-1BA0 3SU1100-2BF60-1MA0	1	1 unit	41J
		2	1	1		1	1 unit	41J
	White 110 V	1	1	0	3SU1103-2BF60-1BA0	1	1 unit	41J

**Short black actuators, 3 switch positions, can be illuminated**

Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from right + left	White	2	2	2	3SU1100-2BM60-1LA0 3SU1100-2BM60-1NA0	1	1 unit	41J
		2	2	0		1	1 unit	41J



Latching, 2x45° (10:30/12/ 1:30 o'clock)	White	2	2	2	3SU1100-2BL60-1LA0 3SU1100-2BL60-1NA0	1	1 unit	41J
			2	0		1	1 unit	41J

**Spring-loaded terminals****Short black actuators, 2 switch positions, can be illuminated**

Latching, 90° (10:30/1:30 o'clock)	White	1	1	0	3SU1100-2BF60-3BA0 3SU1100-2BF60-3MA0	1	1 unit	41J
		2	1	1		1	1 unit	41J

**Short black actuators, 3 switch positions, can be illuminated**

Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from right + left	White	2	2	2	3SU1100-2BM60-3LA0 3SU1100-2BM60-3NA0	1	1 unit	41J
			2	0		1	1 unit	41J



Latching, 2x45° (10:30/12/ 1:30 o'clock)	White	2	2	2	3SU1100-2BL60-3LA0 3SU1100-2BL60-3NA0	1	1 unit	41J
			2	0		1	1 unit	41J



## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, round, plastic, black



### Complete units > Key-operated switches

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Operating principle	Switch position for key removal	Number of contact modules			Number of keys	Screw terminals	PU (UNIT, SET, M)	PS*	PG
		NO contacts	NC contacts						
Article No.						Price per PU			

#### Key-operated switches

	<b>With RONIS lock, SB30, 2 switch positions</b>					<b>3SU1100-4BF11-1BA0</b>	1	1 unit	41J					
	Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	0					2	<b>3SU1100-4BF11-1FA0</b>	1	1 unit	41J
	<b>With RONIS lock, SB30, 3 switch positions</b>					<b>3SU1100-4BL11-1NA0</b>	1	1 unit	41J					
	Latching, 2x45° (10:30/12/1:30 o'clock)	I+O+II	2	2	0					2				
	<b>With RONIS lock, SB30, 2 switch positions</b>					<b>3SU1100-4BF11-3BA0</b>	1	1 unit	41J					
	Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	0					2	<b>3SU1100-4BF11-3FA0</b>	1	1 unit	41J
			2	0	2 with installation supervision					2	<b>3SU1100-4BF21-3TA0</b>	1	1 unit	41J
	<b>With Siemens lock, C, S-10-CG<sup>1)2)</sup>, 2 switch positions</b>					<b>3SU1100-5BF11-3FA0</b>	1	1 unit	41J					
Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	1	2									

1) Siemens, C lock (compatible with CES locks).

2) S-10-CG (compatible with SSG10 lock).

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Number of NO contacts (1 per direction)	Operating principle	Direction of actuation	Screw terminals		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			

## Coordinate switches

**Without mechanical interlock, 2 switch positions**

3SU1100-7AC10-1NA0

2	Momentary contact	Horizontal Vertical	<b>3SU1100-7AC10-1NA0</b> <b>3SU1100-7AD10-1NA0</b>	1 1	1 unit 1 unit	41J 41J
	Latching	Horizontal Vertical	<b>3SU1100-7AA10-1NA0</b> <b>3SU1100-7AB10-1NA0</b>	1 1	1 unit 1 unit	41J 41J

**Without mechanical interlock, 4 switch positions**

3SU1100-7AF10-1QA0

4	Momentary contact	Horizontal/ vertical	<b>3SU1100-7AF10-1QA0</b>	1	1 unit	41J
	Latching	Horizontal/ vertical	<b>3SU1100-7AE10-1QA0</b>	1	1 unit	41J

**With mechanical interlock, 2 switch positions**

3SU1100-7BA10-1NA0

2	Momentary contact	Horizontal Vertical	<b>3SU1100-7BC10-1NA0</b> <b>3SU1100-7BD10-1NA0</b>	1 1	1 unit 1 unit	41J 41J
	Latching	Horizontal Vertical	<b>3SU1100-7BA10-1NA0</b> <b>3SU1100-7BB10-1NA0</b>	1 1	1 unit 1 unit	41J 41J

**With mechanical interlock, 4 switch positions**

3SU1100-7BF10-1QA0

4	Momentary contact	Horizontal/ vertical	<b>3SU1100-7BF10-1QA0</b>	1	1 unit	41J
	Latching	Horizontal/ vertical	<b>3SU1100-7BE10-1QA0</b>	1	1 unit	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



### Complete units > Indicator lights

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Operational voltage		Color		Screw terminals	PU (UNIT, SET, M)	PS*	PG
at AC	at DC	of actuating element	of light source				
V	V			Article No.	Price per PU		

#### Indicator lights

##### With smooth lens and integrated LED

 3SU1102-6AA30-1AA0	24	24	Red	Red	3SU1102-6AA20-1AA0	1	1 unit	41J
			Yellow	Yellow	3SU1102-6AA30-1AA0	1	1 unit	41J
			Green	Green	3SU1102-6AA40-1AA0	1	1 unit	41J
			Blue	Blue	3SU1102-6AA50-1AA0	1	1 unit	41J
			White	White	3SU1102-6AA60-1AA0	1	1 unit	41J
			Clear	White	3SU1102-6AA70-1AA0	1	1 unit	41J
			 3SU1106-6AA50-1AA0	110	--	Amber	Amber	3SU1103-6AA00-1AA0
Red	Red	3SU1103-6AA20-1AA0				1	1 unit	41J
Yellow	Yellow	3SU1103-6AA30-1AA0				1	1 unit	41J
Green	Green	3SU1103-6AA40-1AA0				1	1 unit	41J
Blue	Blue	3SU1103-6AA50-1AA0				1	1 unit	41J
White	White	3SU1103-6AA60-1AA0				1	1 unit	41J
Clear	White	3SU1103-6AA70-1AA0				1	1 unit	41J
 3SU1106-6AA50-1AA0	230	--	Amber	Amber	3SU1106-6AA00-1AA0	1	1 unit	41J
			Red	Red	3SU1106-6AA20-1AA0	1	1 unit	41J
			Yellow	Yellow	3SU1106-6AA30-1AA0	1	1 unit	41J
			Green	Green	3SU1106-6AA40-1AA0	1	1 unit	41J
			Blue	Blue	3SU1106-6AA50-1AA0	1	1 unit	41J
			White	White	3SU1106-6AA60-1AA0	1	1 unit	41J
			Clear	White	3SU1106-6AA70-1AA0	1	1 unit	41J

##### Spring-loaded terminals

 3SU1102-6AA40-3AA0	24	24	Red	Red	3SU1102-6AA20-3AA0	1	1 unit	41J
			Yellow	Yellow	3SU1102-6AA30-3AA0	1	1 unit	41J
			Green	Green	3SU1102-6AA40-3AA0	1	1 unit	41J
			Blue	Blue	3SU1102-6AA50-3AA0	1	1 unit	41J
			White	White	3SU1102-6AA60-3AA0	1	1 unit	41J
			Clear	White	3SU1102-6AA70-3AA0	1	1 unit	41J
			 3SU1106-6AA60-3AA0	110	--	Red	Red	3SU1103-6AA20-3AA0
Yellow	Yellow	3SU1103-6AA30-3AA0				1	1 unit	41J
Green	Green	3SU1103-6AA40-3AA0				1	1 unit	41J
Blue	Blue	3SU1103-6AA50-3AA0				1	1 unit	41J
White	White	3SU1103-6AA60-3AA0				1	1 unit	41J
Clear	White	3SU1103-6AA70-3AA0				1	1 unit	41J
 3SU1106-6AA60-3AA0	230	--				Red	Red	3SU1106-6AA20-3AA0
			Yellow	Yellow	3SU1106-6AA30-3AA0	1	1 unit	41J
			Green	Green	3SU1106-6AA40-3AA0	1	1 unit	41J
			Blue	Blue	3SU1106-6AA50-3AA0	1	1 unit	41J
			White	White	3SU1106-6AA60-3AA0	1	1 unit	41J
			Clear	White	3SU1106-6AA70-3AA0	1	1 unit	41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Actuators and indicators, 22 mm, round, plastic, black

#### Compact units > Acoustic signaling devices/Potentiometers

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Volume level	Degree of protection	Screw terminals		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			

V V dB/cm

#### Acoustic signaling devices



3SU1200-6KB10-1AA0

24	24	80/10	IP40	3SU1200-6KB10-1AA0	1	1 unit	41J
110	--	80/10	IP40	3SU1200-6KC10-1AA0	1	1 unit	41J
230	--	80/10	IP40	3SU1200-6KF10-1AA0	1	1 unit	41J
24	24	75/10	IP69	3SU1200-6LB10-1AA0	1	1 unit	41J
110	--	75/10	IP69	3SU1200-6LC10-1AA0	1	1 unit	41J
230	--	75/10	IP69	3SU1200-6LF10-1AA0	1	1 unit	41J

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle	Adjustable resistance	Screw terminals		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			

kΩ

#### Potentiometers



3SU1200-2PQ10-1AA0

Rotary knob	Stepless	1	3SU1200-2PQ10-1AA0	1	1 unit	41J
		2.2	3SU1200-2PW10-1AA0	1	1 unit	41J
		4.7	3SU1200-2PR10-1AA0	1	1 unit	41J
		10	3SU1200-2PS10-1AA0	1	1 unit	41J
		47	3SU1200-2PT10-1AA0	1	1 unit	41J
		100	3SU1200-2PU10-1AA0	1	1 unit	41J
		470	3SU1200-2PV10-1AA0	1	1 unit	41J

Labeling plates for potentiometers, see page 13/126.

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black

### Compact units > Pushbuttons with extended stroke

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Pushbuttons with extended stroke

For actuating relays, can only be combined with extension plunger, no contact module or LED module required



3SU1200-0EB20-0AA0

Pushbuttons with flat button	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Red	<b>3SU1200-0EB20-0AA0</b>		1	1 unit	41J
	Green	<b>3SU1200-0EB40-0AA0</b>		1	1 unit	41J



3SU1200-0FB10-0AA0

Pushbuttons with raised button	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Black	<b>3SU1200-0FB10-0AA0</b>		1	1 unit	41J
	Red	<b>3SU1200-0FB20-0AA0</b>		1	1 unit	41J



3SU1201-0EB70-0AA0

Pushbuttons with flat transparent button for insertion of insert labels	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Red	<b>3SU1201-0EB20-0AA0</b>		1	1 unit	41J
	Clear	<b>3SU1201-0EB70-0AA0</b>		1	1 unit	41J

Version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Accessories



3SU1900-0KG10-0AA0

Extension plungers	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
For compensation of the clearance between the pushbutton and the resetting plunger	Plastic	Gray	<b>3SU1900-0KG10-0AA0</b>		1	1 unit	41J

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Version of actuating element	Operating principle	Color, marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version	Unlatching method						

#### Pushbuttons

 3SU1000-0AB20-0AD0	<b>Pushbuttons with flat button</b> Standard	Momentary contact	Black	3SU1000-0AB10-0AA0	1	1 unit	41J
			Black, "O"	3SU1000-0AB10-0AD0	1	1 unit	41J
			Red	3SU1000-0AB20-0AA0	1	1 unit	41J
			Red, "O"	3SU1000-0AB20-0AD0	1	1 unit	41J
			Yellow	3SU1000-0AB30-0AA0	1	1 unit	41J
			Green	3SU1000-0AB40-0AA0	1	1 unit	41J
			Green, "I"	3SU1000-0AB40-0AC0	1	1 unit	41J
			Blue	3SU1000-0AB50-0AA0	1	1 unit	41J
			Blue, "R"	3SU1000-0AB50-0AR0	1	1 unit	41J
			White	3SU1000-0AB60-0AA0	1	1 unit	41J
			White, "I"	3SU1000-0AB60-0AC0	1	1 unit	41J
			Clear	3SU1000-0AB70-0AA0	1	1 unit	41J
			Gray	3SU1000-0AB80-0AA0	1	1 unit	41J
 3SU1000-0AA30-0AA0		Latching Push to unlatch	Black	3SU1000-0AA10-0AA0	1	1 unit	41J
			Red	3SU1000-0AA20-0AA0	1	1 unit	41J
			Yellow	3SU1000-0AA30-0AA0	1	1 unit	41J
			Green	3SU1000-0AA40-0AA0	1	1 unit	41J
			Blue	3SU1000-0AA50-0AA0	1	1 unit	41J
			White	3SU1000-0AA60-0AA0	1	1 unit	41J
 3SU1000-0BB30-0AA0	<b>Pushbuttons with raised button</b> Standard	Momentary contact	Black	3SU1000-0BB10-0AA0	1	1 unit	41J
			Red	3SU1000-0BB20-0AA0	1	1 unit	41J
			Yellow	3SU1000-0BB30-0AA0	1	1 unit	41J
			Green	3SU1000-0BB40-0AA0	1	1 unit	41J
			Blue	3SU1000-0BB50-0AA0	1	1 unit	41J
			White	3SU1000-0BB60-0AA0	1	1 unit	41J
 3SU1000-0CB40-0AA0	<b>Pushbuttons with flat button</b> Raised	Momentary contact	Black	3SU1000-0CB10-0AA0	1	1 unit	41J
			Red	3SU1000-0CB20-0AA0	1	1 unit	41J
			Yellow	3SU1000-0CB30-0AA0	1	1 unit	41J
			Green	3SU1000-0CB40-0AA0	1	1 unit	41J
			Blue	3SU1000-0CB50-0AA0	1	1 unit	41J
			White	3SU1000-0CB60-0AA0	1	1 unit	41J
 3SU1000-0DB50-0AA0	<b>Pushbuttons with flat button</b> Raised, castellated	Momentary contact	Black	3SU1000-0DB10-0AA0	1	1 unit	41J
			Red	3SU1000-0DB20-0AA0	1	1 unit	41J
			Yellow	3SU1000-0DB30-0AA0	1	1 unit	41J
			Green	3SU1000-0DB40-0AA0	1	1 unit	41J
			Blue	3SU1000-0DB50-0AA0	1	1 unit	41J
			White	3SU1000-0DB60-0AA0	1	1 unit	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



### Actuating and signaling elements > Pushbuttons

Multi-unit packaging,  
see page 13/17.

Version of actuating element Front ring version	Operating principle Unlatching method	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Pushbuttons</b>							
 3SU1001-0AB40-0AA0	Momentary contact Standard	Amber	<b>3SU1001-0AB00-0AA0</b>		1	1 unit	41J
		Red	<b>3SU1001-0AB20-0AA0</b>		1	1 unit	41J
		Yellow	<b>3SU1001-0AB30-0AA0</b>		1	1 unit	41J
		Green	<b>3SU1001-0AB40-0AA0</b>		1	1 unit	41J
		Blue	<b>3SU1001-0AB50-0AA0</b>		1	1 unit	41J
		White	<b>3SU1001-0AB60-0AA0</b>		1	1 unit	41J
		Clear	<b>3SU1001-0AB70-0AA0</b>		1	1 unit	41J
		 3SU1001-0AA20-0AA0	Latching	Red	<b>3SU1001-0AA20-0AA0</b>		1
Push to unlatch	Yellow		<b>3SU1001-0AA30-0AA0</b>		1	1 unit	41J
	Green		<b>3SU1001-0AA40-0AA0</b>		1	1 unit	41J
	Blue		<b>3SU1001-0AA50-0AA0</b>		1	1 unit	41J
	White		<b>3SU1001-0AA60-0AA0</b>		1	1 unit	41J
	Clear		<b>3SU1001-0AA70-0AA0</b>		1	1 unit	41J
	 3SU1001-0BB70-0AA0		Momentary contact Standard	Red	<b>3SU1001-0BB20-0AA0</b>		1
Yellow		<b>3SU1001-0BB30-0AA0</b>			1	1 unit	41J
Green		<b>3SU1001-0BB40-0AA0</b>			1	1 unit	41J
Blue		<b>3SU1001-0BB50-0AA0</b>			1	1 unit	41J
Clear		<b>3SU1001-0BB70-0AA0</b>			1	1 unit	41J
 3SU1001-0DB50-0AA0	Momentary contact	Blue	<b>3SU1001-0DB50-0AA0</b>		1	1 unit	41J
 Raised, castellated							
 3SU1000-0HC10-0AA0	Standard	Momentary contact, latching by pressing in and turning to the right	<b>3SU1000-0HC10-0AA0</b>		1	1 unit	41J
		Rotate to unlatch to the left	<b>3SU1000-0HC20-0AA0</b>		1	1 unit	41J

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Version of actuating element	Operating principle	Color	Marking Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG				
<b>Twin pushbuttons</b>												
 3SU1000-3AB66-0AL0	Twin pushbuttons flat, flat	Momen- tary contact	Green/red	-- "I"/"O"	3SU1000-3AB42-0AA0 3SU1000-3AB42-0AK0		1 1	1 unit 1 unit	41J 41J			
			White/black	-- "I"/"O"	3SU1000-3AB61-0AA0 3SU1000-3AB61-0AK0		1 1	1 unit 1 unit	41J 41J			
			White/white	-- "_" / "+" Arrows, hor. Arrows, vert.	3SU1000-3AB66-0AA0 3SU1000-3AB66-0AL0 3SU1000-3AB66-0AM0 3SU1000-3AB66-0AN0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J			
			Black/black	-- ○ ○ 5264/5265 (IEC 60417)	3SU1000-3AB11-0AA0 3SU1000-3AB11-0AQ0		1 1	1 unit 1 unit	41J 41J			
			 3SU1000-3BB42-0AK0	Twin pushbuttons flat, raised	Momen- tary contact	Green/red	-- "I"/"O"	3SU1000-3BB42-0AA0 3SU1000-3BB42-0AK0		1 1	1 unit 1 unit	41J 41J
						White/black	-- "I"/"O"	3SU1000-3BB61-0AA0 3SU1000-3BB61-0AK0		1 1	1 unit 1 unit	41J 41J
			 3SU1001-3AB42-0AN0	Twin pushbuttons flat, flat, illuminated	Momen- tary contact	Green/red	-- "I"/"O" Arrows, vert.	3SU1001-3AB42-0AA0 3SU1001-3AB42-0AK0 3SU1001-3AB42-0AN0		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
						White/black	-- "I"/"O"	3SU1001-3AB61-0AA0 3SU1001-3AB61-0AK0		1 1	1 unit 1 unit	41J 41J
						White/white	-- "_" / "+" Arrows, vert. Symbols "Circular saw blade"/ "Tilt tipper"	3SU1001-3AB66-0AA0 3SU1001-3AB66-0AL0 3SU1001-3AB66-0AN0 3SU1001-3AB66-0AP0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
						 3SU1001-3BB61-0AK0	Twin pushbuttons flat, raised, illuminated	Momen- tary contact	Green/red	--	3SU1001-3BB42-0AA0	
White/black	-- "I"/"O"	3SU1001-3BB42-0AK0								1	1 unit	41J
White/black	-- "I"/"O"	3SU1001-3BB61-0AA0 3SU1001-3BB61-0AK0								1 1	1 unit 1 unit	41J 41J

#### Selection and ordering data

Version of actuating element	Operating principle	Color	Marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
<b>Quadruple pushbuttons</b>									
 3SU1000-3FB11-0AU0	Quadruple pushbuttons flat	Momen- tary contact	Black	-- Arrows, vert.; arrows, hor.	3SU1000-3FB11-0AA0 3SU1000-3FB11-0AU0		1 1	1 unit 1 unit	41J 41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

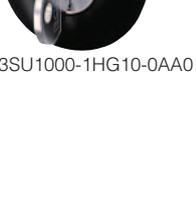
Actuators and indicators, 22 mm, round, plastic, black



### Actuating and signaling elements > Mushroom pushbuttons

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

	Version of actuating element	Operating principle Unlatching method	Color, marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
 3SU1000-1AD20-0AA0	Mushroom pushbuttons 30 mm diameter, 2 positions	Momentary contact	Black	3SU1000-1AD10-0AA0		1	1 unit	41J	
			Red	3SU1000-1AD20-0AA0		1	1 unit	41J	
			Yellow	3SU1000-1AD30-0AA0		1	1 unit	41J	
			Green	3SU1000-1AD40-0AA0		1	1 unit	41J	
	Latching Pull to unlatch	Black	3SU1000-1AA10-0AA0		1	1 unit	41J		
		Red	3SU1000-1AA20-0AA0		1	1 unit	41J		
	Yellow	3SU1000-1AA30-0AA0		1	1 unit	41J			
 3SU1000-1BD40-0AA0	Mushroom pushbuttons 40 mm diameter, 2 positions	Momentary contact	Black	3SU1000-1BD10-0AA0		1	1 unit	41J	
			Red	3SU1000-1BD20-0AA0		1	1 unit	41J	
			Yellow	3SU1000-1BD30-0AA0		1	1 unit	41J	
			Green	3SU1000-1BD40-0AA0		1	1 unit	41J	
	Latching Pull to unlatch	Black	3SU1000-1BA10-0AA0		1	1 unit	41J		
		Red	3SU1000-1BA20-0AA0		1	1 unit	41J		
	Red "O"	3SU1000-1BA20-0AD0		1	1 unit	41J			
	Yellow	3SU1000-1BA30-0AA0		1	1 unit	41J			
	Green	3SU1000-1BA40-0AA0		1	1 unit	41J			
 3SU1000-1CD10-0AA0	Mushroom pushbuttons 60 mm diameter, 2 positions	Momentary contact	Black	3SU1000-1CD10-0AA0		1	1 unit	41J	
			Red	3SU1000-1CD20-0AA0		1	1 unit	41J	
			Yellow	3SU1000-1CD30-0AA0		1	1 unit	41J	
			Green	3SU1000-1CD40-0AA0		1	1 unit	41J	
	Latching Pull to unlatch	Black	3SU1000-1CA10-0AA0		1	1 unit	41J		
		Red	3SU1000-1CA20-0AA0		1	1 unit	41J		
 3SU1001-1AD30-0AA0	Mushroom pushbuttons 30 mm diameter, 2 positions, illuminated	Momentary contact	Red	3SU1001-1AD20-0AA0		1	1 unit	41J	
			Yellow	3SU1001-1AD30-0AA0		1	1 unit	41J	
			Green	3SU1001-1AD40-0AA0		1	1 unit	41J	
			Blue	3SU1001-1AD50-0AA0		1	1 unit	41J	
			White	3SU1001-1AD60-0AA0		1	1 unit	41J	
			Clear	3SU1001-1AD70-0AA0		1	1 unit	41J	
			Latching Pull to unlatch	Red	3SU1001-1AA20-0AA0		1	1 unit	41J
				Yellow	3SU1001-1AA30-0AA0		1	1 unit	41J
	Green	3SU1001-1AA40-0AA0		1	1 unit	41J			
		Blue	3SU1001-1AA50-0AA0		1	1 unit	41J		
Clear	3SU1001-1AA70-0AA0		1	1 unit	41J				
	 3SU1001-1BA50-0AA0	Mushroom pushbuttons 40 mm diameter, 2 positions, illuminated	Yellow	3SU1001-1BD30-0AA0		1	1 unit	41J	
Green			3SU1001-1BD40-0AA0		1	1 unit	41J		
White			3SU1001-1BD60-0AA0		1	1 unit	41J		
Clear			3SU1001-1BD70-0AA0		1	1 unit	41J		
Latching Pull to unlatch		Red	3SU1001-1BA20-0AA0		1	1 unit	41J		
		Yellow	3SU1001-1BA30-0AA0		1	1 unit	41J		
Green	3SU1001-1BA40-0AA0		1	1 unit	41J				
Blue	3SU1001-1BA50-0AA0		1	1 unit	41J				
Clear	3SU1001-1BA70-0AA0		1	1 unit	41J				
 3SU1000-1HB50-0AA0	Mushroom pushbuttons 40 mm diameter, 2 positions	With positive latching	Black	3SU1000-1HB10-0AA0		1	1 unit	41J	
		Blue	3SU1000-1HB50-0AA0		1	1 unit	41J		
 3SU1000-1HG10-0AA0	Mushroom pushbutton 40 mm diameter, 2 positions RONIS 455	With positive latching	Black	3SU1000-1HG10-0AA0		1	1 unit	41J	
		Key-operated release							
 3SU1000-1JB10-0AA0	Mushroom pushbutton 60 mm diameter, 2 positions	With positive latching	Black	3SU1000-1JB10-0AA0		1	1 unit	41J	
		Rotate to unlatch							

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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## EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

**With pull to unlatch**

 3SU1000-1HA20-0AA0	With positive latching, 2 positions	40	Red	<b>3SU1000-1HA20-0AA0</b>		1	1 unit	41J
---	--	----	-----	---------------------------	--	---	--------	-----

**With rotate to unlatch**

 3SU1000-1GB20-0AA0	With positive latching, 2 positions	33.8	Red	<b>3SU1000-1GB20-0AA0</b>		1	1 unit	41J
---	--	------	-----	---------------------------	--	---	--------	-----

 3SU1000-1HB20-0AA0		40	Red	<b>3SU1000-1HB20-0AA0</b>		1	1 unit	41J
--	--	----	-----	---------------------------	--	---	--------	-----

 3SU1000-1JB20-0AA0		60	Red	<b>3SU1000-1JB20-0AA0</b>		1	1 unit	41J
---	--	----	-----	---------------------------	--	---	--------	-----

**With rotate to unlatch, can be illuminated**

 3SU1001-1HB20-0AA0	With positive latching, 2 positions	33.8	Red	<b>3SU1001-1GB20-0AA0</b>		1	1 unit	41J
		40	Red	<b>3SU1001-1HB20-0AA0</b>		1	1 unit	41J
		60	Red	<b>3SU1001-1JB20-0AA0</b>		1	1 unit	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



### Actuating and signaling elements > EMERGENCY-STOP mushroom pushbuttons/Toggle switches

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

##### With key-operated release

 3SU1000-1HF20-0AA0	With positive latching, 2 positions	RONIS, SB30	Red	2	<b>3SU1000-1HF20-0AA0</b>		1	1 unit	41J
		RONIS, 455	Red	2	<b>3SU1000-1HG20-0AA0</b>		1	1 unit	41J
 3SU1000-1HQ20-0AA0		O.M.R. 73037	Red	2	<b>3SU1000-1HQ20-0AA0</b>		1	1 unit	41J
		Siemens, C, S-10-CG <sup>1)2)</sup>	Red	2	<b>3SU1000-1HR20-0AA0</b>		1	1 unit	41J
 3SU1000-1HR20-0AA0		Siemens, C, SSP9 <sup>1)</sup>	Red	2	<b>3SU1000-1HS20-0AA0</b>		1	1 unit	41J
		Siemens, C, SMS1 <sup>1)</sup>	Red	2	<b>3SU1000-1HT20-0AA0</b>		1	1 unit	41J
 3SU1000-1HK20-0AA0		Siemens, B, S1 <sup>3)</sup>	Red	2	<b>3SU1000-1HK20-0AA0</b>		1	1 unit	41J
		Siemens, B, E7 <sup>3)4)</sup>	Red	0	<b>3SU1000-1HM20-0AA0</b>		1	1 unit	41J
		Siemens, B, Eg <sup>3)4)</sup>	Red	0	<b>3SU1000-1HN20-0AA0</b>		1	1 unit	41J

<sup>1)</sup> Siemens, C lock (compatible with CES locks).

<sup>2)</sup> S-10-CG (compatible with SSG10 lock).

<sup>3)</sup> Siemens, B lock (compatible with BKS locks).

<sup>4)</sup> VW locks are supplied without a key.

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Number of switch positions	Number of command points	Color of actuating element	Operating principle of the actuating element	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Toggle switches

 3SU1000-3EA10-0AA0	2	1	Black	Latching	<b>3SU1000-3EA10-0AA0</b>		1	1 unit	41J
				Momentary contact, reset from above	<b>3SU1000-3EC10-0AA0</b>		1	1 unit	41J

3SU1000-3EA10-0AA0

**Selection and ordering data**

**Multi-unit packaging, see page 13/17.**

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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**Selector switches****2 switch positions, can be illuminated**

 3SU1002-2BC40-0AA0	Selector, short black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black Red Yellow Green Blue White	<b>3SU1002-2BC10-0AA0</b> <b>3SU1002-2BC20-0AA0</b> <b>3SU1002-2BC30-0AA0</b> <b>3SU1002-2BC40-0AA0</b> <b>3SU1002-2BC50-0AA0</b> <b>3SU1002-2BC60-0AA0</b>	1	1 unit	41J			
	 3SU1002-2BF30-0AA0		Latching, 90° (10:30/1:30 o'clock)	Black Red Yellow Green Blue White	<b>3SU1002-2BF10-0AA0</b> <b>3SU1002-2BF20-0AA0</b> <b>3SU1002-2BF30-0AA0</b> <b>3SU1002-2BF40-0AA0</b> <b>3SU1002-2BF50-0AA0</b> <b>3SU1002-2BF60-0AA0</b>	1	1 unit	41J		
		 3SU1002-2CF20-0AA0	Selector, long black actuator	Latching, 90° (10:30/1:30 o'clock)	Black Red White	<b>3SU1002-2CF10-0AA0</b> <b>3SU1002-2CF20-0AA0</b> <b>3SU1002-2CF60-0AA0</b>	1	1 unit	41J	
			 3SU1002-2AF20-0AA0	Rotary knob	Latching, 90° (10:30/1:30 o'clock)	Red White	<b>3SU1002-2AF20-0AA0</b> <b>3SU1002-2AF60-0AA0</b>	1	1 unit	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



### Actuating and signaling elements > Selector switches

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Selector switches</b>							
<b>3 switch positions, can be illuminated</b>							
 3SU1002-2BM20-0AA0	Selector, short black actuator Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left 	Black	3SU1002-2BM10-0AA0		1	1 unit	41J
		Red	3SU1002-2BM20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BM30-0AA0		1	1 unit	41J
		Green	3SU1002-2BM40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BM50-0AA0		1	1 unit	41J
		White	3SU1002-2BM60-0AA0		1	1 unit	41J
 3SU1002-2BL60-0AA0	Latching, 2x45° (10:30/12/1:30 o'clock) 	Black	3SU1002-2BL10-0AA0		1	1 unit	41J
		Red	3SU1002-2BL20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BL30-0AA0		1	1 unit	41J
		Green	3SU1002-2BL40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BL50-0AA0		1	1 unit	41J
		White	3SU1002-2BL60-0AA0		1	1 unit	41J
 3SU1002-2BP50-0AA0	Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right 	Black	3SU1002-2BP10-0AA0		1	1 unit	41J
		Red	3SU1002-2BP20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BP30-0AA0		1	1 unit	41J
		Green	3SU1002-2BP40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BP50-0AA0		1	1 unit	41J
		White	3SU1002-2BP60-0AA0		1	1 unit	41J
 3SU1002-2BN30-0AA0	Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left 	Black	3SU1002-2BN10-0AA0		1	1 unit	41J
		Red	3SU1002-2BN20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BN30-0AA0		1	1 unit	41J
		Green	3SU1002-2BN40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BN50-0AA0		1	1 unit	41J
		White	3SU1002-2BN60-0AA0		1	1 unit	41J
 3SU1000-2AS60-0AA0	Rotary knob Latching, 4x90° (3/6/9/12 o'clock) 	White	3SU1000-2AS60-0AA0		1	1 unit	41J

### Selection and ordering data

Multi-unit packaging, see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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### Key-operated switches

#### 2 switch positions



3SU1000-4JC01-0AA0

Momentary contact, 45° (10:30/12 o'clock), reset from center to left



RONIS, SB30	O	2	<b>3SU1000-4BC01-0AA0</b>	1	1 unit	41J
RONIS, 455	O	2	<b>3SU1000-4CC01-0AA0</b>	1	1 unit	41J
O.M.R. 73037, red	O	2	<b>3SU1000-4FC01-0AA0</b>	1	1 unit	41J
O.M.R. 73038, light blue	O	2	<b>3SU1000-4GC01-0AA0</b>	1	1 unit	41J
O.M.R. 73034, black	O	2	<b>3SU1000-4HC01-0AA0</b>	1	1 unit	41J
O.M.R. 73033, yellow	O	2	<b>3SU1000-4JC01-0AA0</b>	1	1 unit	41J
Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1000-5BC01-0AA0</b>	1	1 unit	41J
Siemens, C, LSG <sup>1)</sup>	O	2	<b>3SU1000-5HC01-0AA0</b>	1	1 unit	41J
Siemens, B, S <sup>1)3)</sup>	O	2	<b>3SU1000-5PC01-0AA0</b>	1	1 unit	41J



3SU1000-4BF11-0AA0

Latching, 90° (10:30/1:30 o'clock)



RONIS, SB30	O	2	<b>3SU1000-4BF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-4BF11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1000-4BF21-0AA0</b>	1	1 unit	41J
RONIS, 455	O	2	<b>3SU1000-4CF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-4CF11-0AA0</b>	1	1 unit	41J
RONIS, 421	O+I	2	<b>3SU1000-4DF11-0AA0</b>	1	1 unit	41J



3SU1000-4GF11-0AA0

O.M.R. 73037, red	O	2	<b>3SU1000-4FF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-4FF11-0AA0</b>	1	1 unit	41J
O.M.R. 73038, light blue	O	2	<b>3SU1000-4GF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-4GF11-0AA0</b>	1	1 unit	41J
O.M.R. 73034, black	O	2	<b>3SU1000-4HF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-4HF11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1000-4HF21-0AA0</b>	1	1 unit	41J
O.M.R. 73033, yellow	O	2	<b>3SU1000-4JF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-4JF11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1000-4JF21-0AA0</b>	1	1 unit	41J



3SU1000-5BF11-0AA0

Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1000-5BF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-5BF11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1000-5BF21-0AA0</b>	1	1 unit	41J
Siemens, C, S-10-CG <sup>1)2)</sup> with key monitoring	O	2	<b>3SU1000-5JF01-0AA0</b>	1	1 unit	41J
Siemens, C, LSG <sup>1)</sup>	O	2	<b>3SU1000-5HF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-5HF11-0AA0</b>	1	1 unit	41J



3SU1000-5PF11-0AA0

Siemens, B, S <sup>1)3)</sup>	O	2	<b>3SU1000-5PF01-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-5PF11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1000-5PF21-0AA0</b>	1	1 unit	41J
Siemens, B, E <sup>1)3)4)</sup>	O	0	<b>3SU1000-5QF01-0AA0</b>	1	1 unit	41J
	O+I	0	<b>3SU1000-5QF11-0AA0</b>	1	1 unit	41J
Siemens, B, E <sup>2)3)4)</sup>	O	0	<b>3SU1000-5RF01-0AA0</b>	1	1 unit	41J
	O+I	0	<b>3SU1000-5RF11-0AA0</b>	1	1 unit	41J
Siemens, B, E <sup>7)3)4)</sup>	O	0	<b>3SU1000-5SF01-0AA0</b>	1	1 unit	41J
	O+I	0	<b>3SU1000-5SF11-0AA0</b>	1	1 unit	41J
Siemens, B, E <sup>9)3)4)</sup>	O	0	<b>3SU1000-5TF01-0AA0</b>	1	1 unit	41J
	O+I	0	<b>3SU1000-5TF11-0AA0</b>	1	1 unit	41J

- 1) Siemens, C lock (compatible with CES locks).
- 2) S-10-CG (compatible with SSG10 lock).
- 3) Siemens, B lock (compatible with BKS locks).
- 4) VW locks are supplied without a key.

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



### Actuating and signaling elements > Key-operated switches

Multi-unit packaging,  
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Key-operated switches

##### 3 switch positions



Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left



RONIS, SB30	O	2	3SU1000-4BM01-0AA0	1	1 unit	41J
O.M.R. 73037, red	O	2	3SU1000-4FM01-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	3SU1000-4HM01-0AA0	1	1 unit	41J
Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	3SU1000-5BM01-0AA0	1	1 unit	41J
Siemens, B, S1 <sup>3)</sup>	O	2	3SU1000-5PM01-0AA0	1	1 unit	41J

Latching, 2x45° (10:30/12/1:30 o'clock)



RONIS, SB30	O	2	3SU1000-4BL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4BL11-0AA0	1	1 unit	41J
	I	2	3SU1000-4BL21-0AA0	1	1 unit	41J
	II	2	3SU1000-4BL31-0AA0	1	1 unit	41J
	I+II	2	3SU1000-4BL41-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4BL51-0AA0	1	1 unit	41J
RONIS, 455	O	2	3SU1000-4CL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4CL11-0AA0	1	1 unit	41J



O.M.R. 73037, red	O	2	3SU1000-4FL01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4FL51-0AA0	1	1 unit	41J
O.M.R. 73038, light blue	O	2	3SU1000-4GL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4GL11-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	3SU1000-4HL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4HL11-0AA0	1	1 unit	41J
O.M.R. 73033, yellow	I+O+II	2	3SU1000-4JL11-0AA0	1	1 unit	41J



Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	3SU1000-5BL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-5BL11-0AA0	1	1 unit	41J
	I	2	3SU1000-5BL21-0AA0	1	1 unit	41J
	II	2	3SU1000-5BL31-0AA0	1	1 unit	41J
	I+II	2	3SU1000-5BL41-0AA0	1	1 unit	41J
	O+I	2	3SU1000-5BL51-0AA0	1	1 unit	41J

Siemens, C, S-10-CG <sup>1)2)</sup> with key monitoring	O	2	3SU1000-5JL01-0AA0	1	1 unit	41J
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Siemens, B, S1 <sup>3)</sup>	O	2	3SU1000-5PL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-5PL11-0AA0	1	1 unit	41J
	I	2	3SU1000-5PL21-0AA0	1	1 unit	41J
	II	2	3SU1000-5PL31-0AA0	1	1 unit	41J
	I+II	2	3SU1000-5PL41-0AA0	1	1 unit	41J

Siemens, B, E2 <sup>3)4)</sup>	I+O+II	0	3SU1000-5RL11-0AA0	1	1 unit	41J
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Siemens, B, E9 <sup>3)4)</sup>	I+O+II	0	3SU1000-5TL11-0AA0	1	1 unit	41J
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- 1) Siemens, C lock (compatible with CES locks).
- 2) S-10-CG (compatible with SSG10 lock).
- 3) Siemens, B lock (compatible with BKS locks).
- 4) VW locks are supplied without a key.

#### Actuating and signaling elements > Key-operated switches/ID key-operated switches

**Multi-unit packaging, see page 13/17.**

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Key-operated switches

##### 3 switch positions



3SU1000-4BP01-0AA0

Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right



RONIS, SB30	O	2	<b>3SU1000-4BP01-0AA0</b>	1	1 unit	41J
	II	2	<b>3SU1000-4BP31-0AA0</b>	1	1 unit	41J
	O+II	2	<b>3SU1000-4BP61-0AA0</b>	1	1 unit	41J



3SU1000-5BP01-0AA0

Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1000-5BP01-0AA0</b>	1	1 unit	41J
	II	2	<b>3SU1000-5BP31-0AA0</b>	1	1 unit	41J
	O+II	2	<b>3SU1000-5BP61-0AA0</b>	1	1 unit	41J

Siemens, B, S1 <sup>3)</sup>	O	2	<b>3SU1000-5PP01-0AA0</b>	1	1 unit	41J
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3SU1000-4GN01-0AA0

RONIS, SB30	O	2	<b>3SU1000-4BN01-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1000-4BN21-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1000-4BN51-0AA0</b>	1	1 unit	41J

O.M.R. 73038, light blue	O	2	<b>3SU1000-4GN01-0AA0</b>	1	1 unit	41J
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O.M.R. 73034, black	I	2	<b>3SU1000-4HN21-0AA0</b>	1	1 unit	41J
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Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1000-5BN01-0AA0</b>	1	1 unit	41J
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	I	2	<b>3SU1000-5BN21-0AA0</b>	1	1 unit	41J
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	O+I	2	<b>3SU1000-5BN51-0AA0</b>	1	1 unit	41J
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Siemens, B, S1 <sup>3)</sup>	I	2	<b>3SU1000-5PN21-0AA0</b>	1	1 unit	41J
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	O+I	2	<b>3SU1000-5PN51-0AA0</b>	1	1 unit	41J
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<sup>1)</sup> Siemens, C lock (compatible with CES locks).

<sup>2)</sup> S-10-CG (compatible with SSG10 lock).

<sup>3)</sup> Siemens, B lock (compatible with BKS locks).

#### Selection and ordering data

**Multi-unit packaging, see page 13/17.**

Actuating angle	Operating principle	Switch position for key removal	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### ID key-operated switch<sup>1)</sup>



3SU1000-4WS10-0AA0

45°	Latching	Key removal possible in all 4 positions	Black	<b>3SU1000-4WS10-0AA0</b>	1	1 unit	41J
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<sup>1)</sup> Only use in conjunction with 3SU1500-0AA10-0AA0 plastic holder or 3SU1550-0AA10-0AA0 universal holder.

ID keys, see page 13/137.

Electronic modules for ID key-operated switches, see page 13/91.

Holders for ID key-operated switches, see page 13/77.

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



### Actuating and signaling elements > Coordinate switches/Indicator lights

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Product function Interlocking in neutral position	Number of switch positions	Operating principle	Direction of actuation	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 3SU1000-7AA10-0AA0	No	2	Momentary contact	Horizontal Vertical	3SU1000-7AC10-0AA0 3SU1000-7AD10-0AA0	1 1	1 unit 1 unit	41J 41J
			Latching	Horizontal Vertical	3SU1000-7AA10-0AA0 3SU1000-7AB10-0AA0	1 1	1 unit 1 unit	41J 41J
	4	Momentary contact	Horizontal/ vertical	3SU1000-7AF10-0AA0	1	1 unit	41J	
		Latching	Horizontal/ vertical	3SU1000-7AE10-0AA0	1	1 unit	41J	
	Yes	2	Momentary contact	Horizontal Vertical	3SU1000-7BC10-0AA0 3SU1000-7BD10-0AA0	1 1	1 unit 1 unit	41J 41J
			Latching	Horizontal Vertical	3SU1000-7BA10-0AA0 3SU1000-7BB10-0AA0	1 1	1 unit 1 unit	41J 41J
		4	Momentary contact	Horizontal/ vertical	3SU1000-7BF10-0AA0	1	1 unit	41J
			Latching	Horizontal/ vertical	3SU1000-7BE10-0AA0	1	1 unit	41J
 3SU1000-7BA10-0AA0								

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Product version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 3SU1001-6AA40-0AA0	<b>With smooth lens</b>					
	Amber	3SU1001-6AA00-0AA0	1	5 units	41J	
	Red	3SU1001-6AA20-0AA0	1	5 units	41J	
	Yellow	3SU1001-6AA30-0AA0	1	5 units	41J	
	Green	3SU1001-6AA40-0AA0	1	5 units	41J	
	Blue	3SU1001-6AA50-0AA0	1	5 units	41J	
	White	3SU1001-6AA60-0AA0	1	5 units	41J	
	Clear	3SU1001-6AA70-0AA0	1	5 units	41J	
 3SU1001-0AD50-0AA0	<b>Indicator lights in illuminated pushbutton design</b>					
	--	Red	3SU1001-0AD20-0AA0	1	1 unit	41J
		Yellow	3SU1001-0AD30-0AA0	1	1 unit	41J
		Green	3SU1001-0AD40-0AA0	1	1 unit	41J
		Blue	3SU1001-0AD50-0AA0	1	1 unit	41J
		Clear	3SU1001-0AD70-0AA0	1	1 unit	41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Actuators and indicators, 22 mm, round, plastic, black

#### Actuating and signaling elements > Sealing plugs, USB and RJ45 connections

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
mm							

#### Sealing plugs<sup>1)</sup>



3SU1900-0FA10-0AA0

<sup>1)</sup> The sealing plug is mounted with a holder.  
Modules might already be mounted on the holder.

22	Plastic	Black	<b>3SU1900-0FA10-0AA0</b>		1	5 units	41J
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Product version	Mounting diameter	Accessory material	Accessory color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	mm			⊕			
				Article No.	Price per PU		

#### USB-A connections



3SU1900-0GA10-0AA0

USB 3.0	22	Plastic	Black	<b>3SU1900-0GA10-0AA0</b>		1	1 unit	41J
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#### RJ45 connections



3SU1900-0GB10-0AA0

RJ45 Cat. 5e	22	Plastic	Black	<b>3SU1900-0GB10-0AA0</b>		1	1 unit	41J
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## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Complete units > Pushbuttons

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Supply voltage for light source		Color	Number of			Screw terminals	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO contacts	NC contacts				
V	V					Article No.	Price per PU		

#### Pushbuttons



3SU1150-0AB30-1BA0

#### Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	3SU1150-0AB10-1BA0	1	1 unit	41J
				0	1	3SU1150-0AB10-1CA0	1	1 unit	41J
				1	1	3SU1150-0AB10-1FA0	1	1 unit	41J
		Red	1	1	0	3SU1150-0AB20-1BA0	1	1 unit	41J
				0	1	3SU1150-0AB20-1CA0	1	1 unit	41J
				1	1	3SU1150-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1150-0AB30-1BA0	1	1 unit	41J
				1	1	3SU1150-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1150-0AB40-1BA0	1	1 unit	41J
				1	1	3SU1150-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1150-0AB50-1BA0	1	1 unit	41J
				1	1	3SU1150-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1150-0AB60-1BA0	1	1 unit	41J
				1	1	3SU1150-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1150-0AB70-1BA0	1	1 unit	41J
				1	1	3SU1150-0AB70-1FA0	1	1 unit	41J



3SU1150-0BB20-1CA0

#### Pushbuttons with raised button, momentary contact

--	--	Black	1	1	0	3SU1150-0BB10-1BA0	1	1 unit	41J
				0	1	3SU1150-0BB10-1CA0	1	1 unit	41J
				1	1	3SU1150-0BB10-1FA0	1	1 unit	41J
		Red	1	0	1	3SU1150-0BB20-1CA0	1	1 unit	41J
				1	1	3SU1150-0BB20-1FA0	1	1 unit	41J
		Green	1	1	1	3SU1150-0BB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1150-0BB50-1BA0	1	1 unit	41J
				1	1	3SU1150-0BB50-1FA0	1	1 unit	41J



3SU1152-0AB50-1BA0

#### Illuminated pushbuttons with flat button, momentary contact, with integrated LED

24	24	Amber	1	1	0	3SU1152-0AB00-1BA0	1	1 unit	41J
				1	1	3SU1152-0AB00-1FA0	1	1 unit	41J
		Red	1	0	1	3SU1152-0AB20-1CA0	1	1 unit	41J
				1	1	3SU1152-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1152-0AB30-1BA0	1	1 unit	41J
				1	1	3SU1152-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1152-0AB40-1BA0	1	1 unit	41J
				1	1	3SU1152-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1152-0AB50-1BA0	1	1 unit	41J
				1	1	3SU1152-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1152-0AB60-1BA0	1	1 unit	41J
				1	1	3SU1152-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1152-0AB70-1BA0	1	1 unit	41J
				1	1	3SU1152-0AB70-1FA0	1	1 unit	41J



3SU1153-0AB60-1BA0

110	--	Amber	1	1	0	3SU1153-0AB00-1BA0	1	1 unit	41J
				1	1	3SU1153-0AB00-1FA0	1	1 unit	41J
		Red	1	0	1	3SU1153-0AB20-1CA0	1	1 unit	41J
				1	1	3SU1153-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1153-0AB30-1BA0	1	1 unit	41J
				1	1	3SU1153-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1153-0AB40-1BA0	1	1 unit	41J
				1	1	3SU1153-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1153-0AB50-1BA0	1	1 unit	41J
				1	1	3SU1153-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1153-0AB60-1BA0	1	1 unit	41J
				1	1	3SU1153-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1153-0AB70-1BA0	1	1 unit	41J
				1	1	3SU1153-0AB70-1FA0	1	1 unit	41J

Multi-unit packaging,  
see page 13/17.

Supply voltage for light source		Color	Number of			Screw terminals 	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO contacts	NC contacts				
V	V					Article No.	Price per PU		

### Pushbuttons



3SU1156-0AB50-1BA0

#### Illuminated pushbuttons with flat button, momentary contact, with integrated LED

230	--	Amber	1	1	0	3SU1156-0AB00-1BA0 3SU1156-0AB00-1FA0	1 1	1 unit 1 unit	41J 41J
		Red	1	0	1	3SU1156-0AB20-1CA0 3SU1156-0AB20-1FA0	1 1	1 unit 1 unit	41J 41J
		Yellow	1	1	0	3SU1156-0AB30-1BA0 3SU1156-0AB30-1FA0	1 1	1 unit 1 unit	41J 41J
		Green	1	1	0	3SU1156-0AB40-1BA0 3SU1156-0AB40-1FA0	1 1	1 unit 1 unit	41J 41J
		Blue	1	1	0	3SU1156-0AB50-1BA0 3SU1156-0AB50-1FA0	1 1	1 unit 1 unit	41J 41J
		White	1	1	0	3SU1156-0AB60-1BA0 3SU1156-0AB60-1FA0	1 1	1 unit 1 unit	41J 41J
		Clear	1	1	0	3SU1156-0AB70-1BA0 3SU1156-0AB70-1FA0	1 1	1 unit 1 unit	41J 41J

#### Spring-loaded terminals



3SU1150-0AB40-3BA0

#### Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	3SU1150-0AB10-3BA0 3SU1150-0AB10-3CA0 3SU1150-0AB10-3FA0	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
		Red	1	1	0	3SU1150-0AB20-3CA0 3SU1150-0AB20-3FA0	1 1	1 unit 1 unit	41J 41J
		Yellow	1	1	0	3SU1150-0AB30-3BA0 3SU1150-0AB30-3FA0	1 1	1 unit 1 unit	41J 41J
		Green	1	1	0	3SU1150-0AB40-3BA0 3SU1150-0AB40-3FA0	1 1	1 unit 1 unit	41J 41J
		Blue	1	1	0	3SU1150-0AB50-3BA0 3SU1150-0AB50-3FA0	1 1	1 unit 1 unit	41J 41J
		White	1	1	0	3SU1150-0AB60-3BA0 3SU1150-0AB60-3FA0	1 1	1 unit 1 unit	41J 41J



3SU1150-0BB20-3CA0

#### Pushbutton with raised button, momentary contact

--	--	Red	1	0	1	3SU1150-0BB20-3CA0	1	1 unit	41J
----	----	-----	---	---	---	--------------------	---	--------	-----

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Complete units > Pushbuttons/Mushroom pushbuttons

Multi-unit packaging,  
see page 13/17.

Supply voltage for light source		Color	Number of			Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO contacts	NC contacts				
V	V					Article No.	Price per PU		

#### Pushbuttons

**Illuminated pushbuttons with flat button, momentary contact, with integrated LED**



3SU1152-0AB20-3CA0

24	24	Red	1	0	1	3SU1152-0AB20-3CA0	1	1 unit	41J
			1	1	1				
		Yellow	1	1	0	3SU1152-0AB30-3BA0	1	1 unit	41J
			1	1	1				
		Green	1	1	0	3SU1152-0AB40-3BA0	1	1 unit	41J
			1	1	1				
		Blue	1	1	0	3SU1152-0AB50-3BA0	1	1 unit	41J
			1	1	1				
		White	1	1	0	3SU1152-0AB60-3BA0	1	1 unit	41J
			1	1	1				
		Clear	1	1	0	3SU1152-0AB70-3BA0	1	1 unit	41J
			1	1	1				



3SU1153-0AB60-3BA0

110	--	Red	1	0	1	3SU1153-0AB20-3CA0	1	1 unit	41J
			1	1	1				
		Yellow	1	1	0	3SU1153-0AB30-3BA0	1	1 unit	41J
			1	1	1				
		Green	1	1	0	3SU1153-0AB40-3BA0	1	1 unit	41J
			1	1	1				
		Blue	1	1	0	3SU1153-0AB50-3BA0	1	1 unit	41J
			1	1	1				
		White	1	1	0	3SU1153-0AB60-3BA0	1	1 unit	41J
			1	1	1				
		Clear	1	1	0	3SU1153-0AB70-3BA0	1	1 unit	41J
			1	1	1				



3SU1156-0AB30-3BA0

230	--	Red	1	0	1	3SU1156-0AB20-3CA0	1	1 unit	41J
			1	1	1				
		Yellow	1	1	0	3SU1156-0AB30-3BA0	1	1 unit	41J
			1	1	1				
		Green	1	1	0	3SU1156-0AB40-3BA0	1	1 unit	41J
			1	1	1				
		Blue	1	1	0	3SU1156-0AB50-3BA0	1	1 unit	41J
			1	1	1				
		White	1	1	0	3SU1156-0AB60-3BA0	1	1 unit	41J
			1	1	1				
		Clear	1	1	0	3SU1156-0AB70-3BA0	1	1 unit	41J
			1	1	1				

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Unlatching method	Number of contact modules	Number of		Screw terminals	PU (UNIT, SET, M)	PS*	PG
		NO contacts	NC contacts				
				Article No.	Price per PU		

#### Mushroom pushbuttons

**With red mushroom, 40 mm diameter, latching**



3SU1150-1BA20-1CA0

Pull to unlatch	1		0	1	3SU1150-1BA20-1CA0	1	1 unit	41J
			1	1				
Pull to unlatch	1		0	1	3SU1150-1BA20-1FA0	1	1 unit	41J
			1	1				
Pull to unlatch	1		0	1	3SU1150-1BA20-3CA0	1	1 unit	41J
			1	1				
Pull to unlatch	1		0	1	3SU1150-1BA20-3FA0	1	1 unit	41J
			1	1				

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Unlatching method	Number of contact modules		Marking	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
	NO contacts	NC contacts					
				Article No.	Price per PU		

**EMERGENCY-STOP mushroom pushbuttons, with yellow backing plate (60 mm diameter), according to ISO 13850 and IEC 60947-5-5**



**With red mushroom, 30 mm diameter, with positive latching**

Rotate to unlatch	1	0	1	--		<b>3SU1150-1GB20-3CW0</b>	1	1 unit	41J
	2	0	2	--		<b>3SU1150-1GB20-3PW0</b>	1	1 unit	41J

3SU1150-1GB20-3CW0

**EMERGENCY-STOP mushroom pushbuttons, with self-adhesive yellow backing plate (75 mm diameter), according to ISO 13850 and IEC 60947-5-5**



**With red mushroom, 40 mm diameter, with positive latching**

Unlatching method	Number of contact modules		Marking	Screw terminals	PU (UNIT, SET, M)	PS*	PG	
	NO contacts	NC contacts						
Pull to unlatch	1	0	1	NOT-HALT	<b>3SU1150-1HA20-1CH0</b>	1	1 unit	41J
			1	EMERGENCY STOP	<b>3SU1150-1HA20-1CG0</b>	1	1 unit	41J
			1	NOT-HALT	<b>3SU1150-1HA20-1FH0</b>	1	1 unit	41J
Rotate to unlatch	1	0	1	EMERGENCY STOP	<b>3SU1150-1HA20-1FG0</b>	1	1 unit	41J
			1	ARRET D'URGENCE	<b>3SU1150-1HA20-1FJ0</b>	1	1 unit	41J
			1	NOT-HALT	<b>3SU1150-1HB20-1CH0</b>	1	1 unit	41J
Rotate to unlatch	1	0	1	EMERGENCY STOP	<b>3SU1150-1HB20-1CG0</b>	1	1 unit	41J
			1	ARRET D'URGENCE	<b>3SU1150-1HB20-1CJ0</b>	1	1 unit	41J
			1	NOT-HALT	<b>3SU1150-1HB20-1FH0</b>	1	1 unit	41J
Pull to unlatch	1	0	1	EMERGENCY STOP	<b>3SU1150-1HB20-1FG0</b>	1	1 unit	41J
			1	ARRET D'URGENCE	<b>3SU1150-1HB20-1FJ0</b>	1	1 unit	41J
			1	NOT-HALT	<b>3SU1150-1HB20-1FH0</b>	1	1 unit	41J

3SU1150-1HB20-1CH0



Unlatching method	Number of contact modules		Marking	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG	
	NO contacts	NC contacts						
Pull to unlatch	1	0	1	NOT-HALT	<b>3SU1150-1HA20-3CH0</b>	1	1 unit	41J
			1	NOT-HALT	<b>3SU1150-1HA20-3FH0</b>	1	1 unit	41J
			2	NOT-HALT	<b>3SU1150-1HA20-3PH0</b>	1	1 unit	41J
Rotate to unlatch	1	0	1	--	<b>3SU1150-1HB20-3CF0</b>	1	1 unit	41J
			2	--	<b>3SU1150-1HB20-3PF0</b>	1	1 unit	41J
			1	NOT-HALT	<b>3SU1150-1HB20-3CH0</b>	1	1 unit	41J
Pull to unlatch	2	0	1	NOT-HALT	<b>3SU1150-1HB20-3FH0</b>	1	1 unit	41J
			2	NOT-HALT	<b>3SU1150-1HB20-3PH0</b>	1	1 unit	41J

3SU1150-1HB20-3CF0

Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Complete units > EMERGENCY-STOP mushroom pushbuttons

Multi-unit packaging, see page 13/17.

Unlatching method	Number of contact modules			NO contacts	NC contacts	Screw terminals	PU (UNIT, SET, M)	PS*	PG
						Article No.	Price per PU		

#### EMERGENCY-STOP mushroom pushbuttons, without yellow backing plate, according to ISO 13850 and IEC 60947-5-5



**With red mushroom, 40 mm diameter, with positive latching**

Rotate to unlatch	2	0	2		<b>3SU1150-1HB20-1PA0</b>	1	1 unit	41J
-------------------	---	---	---	--	---------------------------	---	--------	-----

3SU1150-1HB20-1PA0

Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



Multi-unit packaging, see page 13/17.

Unlatching method	Supply voltage for light source		Number of contact modules			Marking	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
	at AC	at DC	contact modules	NO contacts	NC contacts					
	V	V					Article No.	Price per PU		

#### EMERGENCY-STOP mushroom pushbuttons, can be illuminated, with yellow backing plate (60 mm diameter), according to ISO 13850 and IEC 60947-5-5



**With red mushroom, 30 mm diameter, with positive latching**

Rotate to unlatch	24	24	1	0	1	--		<b>3SU1152-1GB20-3CW0</b>	1	1 unit	41J
			2	0	2	--		<b>3SU1152-1GB20-3PW0</b>	1	1 unit	41J

3SU1152-1GB20-3CW0

#### EMERGENCY-STOP mushroom pushbuttons, can be illuminated, with self-adhesive yellow backing plate (75 mm diameter), according to ISO 13850 and IEC 60947-5-5



**With red mushroom, 40 mm diameter, with positive latching**

Rotate to unlatch	--	--	1	0	1	--		<b>3SU1151-1HB20-3CF0</b>	1	1 unit	41J
	24	24	2	0	2	--		<b>3SU1152-1HB20-3PF0</b>	1	1 unit	41J

3SU1152-1HB20-3PF0



Unlatching method	Supply voltage for light source		Number of contact modules			Marking	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	at AC	at DC	contact modules	NO contacts	NC contacts					
Rotate to unlatch	24 ... 240	24 ... 240	1	0	2	EMERGENCY STOP	<b>3SU1158-1HB20-1PT0</b>	1	1 unit	41J

3SU1158-1HB20-1PT0

Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



## Selection and ordering data

Multi-unit packaging, see page 13/17.

Operating principle	Supply voltage for light source		Color	Number of contact modules			Screw terminals 	PU (UNIT, SET, M)	PS*	PG
	at AC	at DC			NO contacts	NC contacts				
	V	V					Article No.	Price per PU		

## Selector switches

<b>Short black actuators, 2 switch positions, can be illuminated</b>											
	Momentary contact, 45° (10:30/12 o'clock), reset from the right	--	--	White	1	1	0	<b>3SU1150-2BC60-1BA0</b>	1	1 unit	41J
3SU1150-2BF60-1BA0	Latching, 90° (10:30/1:30 o'clock)	--	--	White	1	1	0	<b>3SU1150-2BF60-1BA0</b>	1	1 unit	41J
					1	1	1	<b>3SU1150-2BF60-1FA0</b>	1	1 unit	41J
					2	1	1	<b>3SU1150-2BF60-1MA0</b>	1	1 unit	41J
		24	24	Red	2	1	1	<b>3SU1152-2BF20-1MA0</b>	1	1 unit	41J
<b>Short black actuators, 3 switch positions, can be illuminated</b>											
	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left	--	--	White	2	2	2	<b>3SU1150-2BM60-1LA0</b> <b>3SU1150-2BM60-1NA0</b>	1	1 unit	41J
3SU1152-2BF20-1MA0	Latching, 2x45° (10:30/12/1:30 o'clock)	--	--	White	2	2	2	<b>3SU1150-2BL60-1LA0</b>	1	1 unit	41J
					2	2	0	<b>3SU1150-2BL60-1NA0</b>	1	1 unit	41J
<b>Long black actuators, 2 switch positions, can be illuminated</b>											
	Latching, 90° (10:30/1:30 o'clock)	--	--	White	1	1	0	<b>3SU1150-2CF60-1BA0</b> <b>3SU1150-2CF60-1NA0</b>	1	1 unit	41J
					2	2	0		1	1 unit	41J
<b>Long black actuator, 3 switch positions, can be illuminated</b>											
	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left	--	--	White	2	1	1	<b>3SU1150-2CM60-1NA0</b>	1	1 unit	41J
<b>Spring-loaded terminals </b>											
<b>Short black actuators, 2 switch positions, can be illuminated</b>											
	Latching, 90° (10:30/1:30 o'clock)	--	--	White	1	1	0	<b>3SU1150-2BF60-3BA0</b> <b>3SU1150-2BF60-3MA0</b>	1	1 unit	41J
					2	1	1		1	1 unit	41J
<b>Short black actuators, 3 switch positions, can be illuminated</b>											
	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left	--	--	White	2	2	2	<b>3SU1150-2BM60-3LA0</b> <b>3SU1150-2BM60-3NA0</b>	1	1 unit	41J
3SU1150-2BL60-3NA0	Latching, 2x45° (10:30/12/1:30 o'clock)	--	--	White	2	2	2	<b>3SU1150-2BL60-3LA0</b>	1	1 unit	41J
					2	2	0	<b>3SU1150-2BL60-3NA0</b>	1	1 unit	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Complete units > Key-operated switches/Coordinate switches

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Operating principle	Switch position for key removal	Number of contact modules		NO contacts	NC contacts	Number of keys	Screw terminals	PU (UNIT, SET, M)	PS*	PG
							Article No.	Price per PU		

#### Key-operated switches



3SU1150-4BF11-1BA0

##### With RONIS lock, SB30, 2 switch positions

Latching, 90° (10:30/ 1:30 o'clock)	O+I	1	1	0	2	3SU1150-4BF11-1BA0	1	1 unit	41J
	O+I		1	1	2	3SU1150-4BF11-1FA0	1	1 unit	41J
	O+I	1	1	0	2	3SU1150-4BF11-3BA0	1	1 unit	41J
	O+I		1	1	2	3SU1150-4BF11-3FA0	1	1 unit	41J
	O	2	0	2	2	3SU1150-4BF01-3PA0	1	1 unit	41J

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Number of NO contacts (1 per direction)	Operating principle	Direction of actuation	Screw terminals	PU (UNIT, SET, M)	PS*	PG

#### Coordinate switches



3SU1150-7AF88-1QA0

##### Without mechanical interlock, 2 switch positions

2	Momentary contact	Horizontal	3SU1150-7AC88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7AD88-1NA0	1	1 unit	41J
	Latching	Horizontal	3SU1150-7AA88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7AB88-1NA0	1	1 unit	41J

##### Without mechanical interlock, 4 switch positions

4	Momentary contact	Horizontal/vertical	3SU1150-7AF88-1QA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1150-7AE88-1QA0	1	1 unit	41J



3SU1150-7BF88-1QA0

##### With mechanical interlock, 2 switch positions

2	Momentary contact	Horizontal	3SU1150-7BC88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7BD88-1NA0	1	1 unit	41J
	Latching	Horizontal	3SU1150-7BA88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7BB88-1NA0	1	1 unit	41J

##### With mechanical interlock, 4 switch positions

4	Momentary contact	Horizontal/vertical	3SU1150-7BF88-1QA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1150-7BE88-1QA0	1	1 unit	41J

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Operational voltage		Color of actuating element		Screw terminals 	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		of light source				
V	V			Article No.	Price per PU		

## Indicator lights

**With smooth lens and integrated LED**

 3SU1152-6AA50-1AA0	24	24	Amber	Amber	3SU1152-6AA00-1AA0	1	1 unit	41J							
			Red	Red					3SU1152-6AA20-1AA0						
			Yellow	Yellow					3SU1152-6AA30-1AA0						
			Green	Green					3SU1152-6AA40-1AA0						
			Blue	Blue					3SU1152-6AA50-1AA0						
			White	White					3SU1152-6AA60-1AA0						
			Clear	White					3SU1152-6AA70-1AA0						
			 3SU1156-6AA60-1AA0	110					--	Amber	Amber	3SU1153-6AA00-1AA0	1	1 unit	41J
Red	Red	3SU1153-6AA20-1AA0													
Yellow	Yellow	3SU1153-6AA30-1AA0													
Green	Green	3SU1153-6AA40-1AA0													
Blue	Blue	3SU1153-6AA50-1AA0													
White	White	3SU1153-6AA60-1AA0													
Clear	White	3SU1153-6AA70-1AA0													
 3SU1152-6AA40-3AA0	230	--			Red	Red	3SU1156-6AA20-1AA0	1		1 unit	41J				
			Yellow	Yellow	3SU1156-6AA30-1AA0										
			Green	Green	3SU1156-6AA40-1AA0										
			Blue	Blue	3SU1156-6AA50-1AA0										
			White	White	3SU1156-6AA60-1AA0										
			Clear	White	3SU1156-6AA70-1AA0										
			 3SU1156-6AA20-3AA0	24	24	Red			Red			3SU1152-6AA20-3AA0	1	1 unit	41J
						Yellow			Yellow						
Green	Green	3SU1152-6AA40-3AA0													
Blue	Blue	3SU1152-6AA50-3AA0													
White	White	3SU1152-6AA60-3AA0													
Clear	White	3SU1152-6AA70-3AA0													
 3SU1156-6AA30-3AA0	110	--				Red	Red	3SU1153-6AA20-3AA0	1	1 unit	41J				
						Yellow	Yellow								
			Green	Green	3SU1153-6AA40-3AA0										
			Blue	Blue	3SU1153-6AA50-3AA0										
			White	White	3SU1153-6AA60-3AA0										
			Clear	White	3SU1153-6AA70-3AA0										
			 3SU1156-6AA40-3AA0	230	--	Red	Red					3SU1156-6AA20-3AA0	1	1 unit	41J
						Yellow	Yellow								
Green	Green	3SU1156-6AA40-3AA0													
Blue	Blue	3SU1156-6AA50-3AA0													
White	White	3SU1156-6AA60-3AA0													
Clear	White	3SU1156-6AA70-3AA0													

**Spring-loaded terminals **

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny

### Compact units > Acoustic signaling devices/Potentiometers

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Volume level	Degree of protection	Screw terminals		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			

V V dB/cm

#### Acoustic signaling devices



3SU1200-6KB10-1AA0

24	24	80/10	IP40	3SU1200-6KB10-1AA0		1	1 unit	41J
110	--	80/10	IP40	3SU1200-6KC10-1AA0		1	1 unit	41J
230	--	80/10	IP40	3SU1200-6KF10-1AA0		1	1 unit	41J
24	24	75/10	IP69	3SU1200-6LB10-1AA0		1	1 unit	41J
110	--	75/10	IP69	3SU1200-6LC10-1AA0		1	1 unit	41J
230	--	75/10	IP69	3SU1200-6LF10-1AA0		1	1 unit	41J

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle	Adjustable resistance	Screw terminals		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			

kΩ

#### Potentiometers



3SU1200-2PQ10-1AA0

Rotary knob	Stepless	1	3SU1200-2PQ10-1AA0	1	1 unit	41J
		2.2	3SU1200-2PW10-1AA0	1	1 unit	41J
		4.7	3SU1200-2PR10-1AA0	1	1 unit	41J
		10	3SU1200-2PS10-1AA0	1	1 unit	41J
		47	3SU1200-2PT10-1AA0	1	1 unit	41J
		100	3SU1200-2PU10-1AA0	1	1 unit	41J
		470	3SU1200-2PV10-1AA0	1	1 unit	41J

Labeling plates for potentiometers, see page 13/126.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Actuators and indicators, 22 mm, metal, shiny

#### Compact units > Pushbuttons with extended stroke

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Pushbuttons with extended stroke

For actuating relays, can only be combined with extension plunger, no contact module or LED module required



3SU1250-0EB40-0AA0

Pushbuttons with flat button	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Red	3SU1250-0EB20-0AA0		1	1 unit	41J
	Green	3SU1250-0EB40-0AA0		1	1 unit	41J
	Blue	3SU1250-0EB50-0AA0		1	1 unit	41J



3SU1250-0FB10-0AA0

Pushbutton with raised button	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Black	3SU1250-0FB10-0AA0		1	1 unit	41J



3SU1251-0EB20-0AA0

Pushbuttons with flat transparent button for insertion of insert labels	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Red	3SU1251-0EB20-0AA0		1	1 unit	41J
	Clear	3SU1251-0EB70-0AA0		1	1 unit	41J

Version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Accessories



3SU1900-0KG10-0AA0

Extension plunger	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Plastic	Gray	3SU1900-0KG10-0AA0		1	1 unit	41J

For compensation of the clearance between the pushbutton and the resetting plunger of an overload relay

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Actuating and signaling elements > Pushbuttons

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle	Color, marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version	Unlatching method						

#### Pushbuttons

 3SU1050-0AB40-0AC0	<b>Pushbuttons with flat button</b> Standard	Momentary contact	Black	3SU1050-0AB10-0AA0	1	1 unit	41J
			Black, "O"	3SU1050-0AB10-0AD0	1	1 unit	41J
			Red	3SU1050-0AB20-0AA0	1	1 unit	41J
			Red, "O"	3SU1050-0AB20-0AD0	1	1 unit	41J
			Yellow	3SU1050-0AB30-0AA0	1	1 unit	41J
			Green	3SU1050-0AB40-0AA0	1	1 unit	41J
			Green, "I"	3SU1050-0AB40-0AC0	1	1 unit	41J
			Blue	3SU1050-0AB50-0AA0	1	1 unit	41J
			Blue, "R"	3SU1050-0AB50-0AR0	1	1 unit	41J
			White	3SU1050-0AB60-0AA0	1	1 unit	41J
			White, "I"	3SU1050-0AB60-0AB0	1	1 unit	41J
			White, "I"	3SU1050-0AB60-0AC0	1	1 unit	41J
			Clear	3SU1050-0AB70-0AA0	1	1 unit	41J
Gray	3SU1050-0AB80-0AA0	1	1 unit	41J			
 3SU1050-0AA30-0AA0		Latching Push to unlatch	Black	3SU1050-0AA10-0AA0	1	1 unit	41J
			Red	3SU1050-0AA20-0AA0	1	1 unit	41J
			Yellow	3SU1050-0AA30-0AA0	1	1 unit	41J
			Green	3SU1050-0AA40-0AA0	1	1 unit	41J
			Blue	3SU1050-0AA50-0AA0	1	1 unit	41J
			White	3SU1050-0AA60-0AA0	1	1 unit	41J
 3SU1050-0BB20-0AA0	<b>Pushbuttons with raised button</b> Standard	Momentary contact	Black	3SU1050-0BB10-0AA0	1	1 unit	41J
			Red	3SU1050-0BB20-0AA0	1	1 unit	41J
			Yellow	3SU1050-0BB30-0AA0	1	1 unit	41J
			Green	3SU1050-0BB40-0AA0	1	1 unit	41J
			Blue	3SU1050-0BB50-0AA0	1	1 unit	41J
		White	3SU1050-0BB60-0AA0	1	1 unit	41J	
		Latching Push to unlatch	Red	3SU1050-0BA20-0AA0	1	1 unit	41J
 3SU1050-0CB50-0AA0	<b>Pushbuttons with flat button</b> Raised	Momentary contact	Black	3SU1050-0CB10-0AA0	1	1 unit	41J
			Red	3SU1050-0CB20-0AA0	1	1 unit	41J
			Yellow	3SU1050-0CB30-0AA0	1	1 unit	41J
			Green	3SU1050-0CB40-0AA0	1	1 unit	41J
			Blue	3SU1050-0CB50-0AA0	1	1 unit	41J
			White	3SU1050-0CB60-0AA0	1	1 unit	41J
 3SU1051-0CB40-0AA0	<b>Illuminated pushbuttons with flat button</b> Raised	Momentary contact	Green	3SU1051-0CB40-0AA0	1	20 units	41J

#### Actuating and signaling elements > Pushbuttons

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version	Unlatching method						
<b>Pushbuttons</b>							
 3SU1051-0AB30-0AA0	<b>Illuminated pushbuttons with flat button</b> Standard	Momentary contact	Amber	3SU1051-0AB00-0AA0		1	1 unit 41J
			Red	3SU1051-0AB20-0AA0		1	1 unit 41J
			Yellow	3SU1051-0AB30-0AA0		1	1 unit 41J
			Green	3SU1051-0AB40-0AA0		1	1 unit 41J
			Blue	3SU1051-0AB50-0AA0		1	1 unit 41J
			White	3SU1051-0AB60-0AA0		1	1 unit 41J
			Clear	3SU1051-0AB70-0AA0		1	1 unit 41J
 3SU1051-0AA20-0AA0	<b>Illuminated pushbuttons with raised button</b> Standard	Latching	Red	3SU1051-0AA20-0AA0		1	1 unit 41J
		Push to unlatch	Yellow	3SU1051-0AA30-0AA0		1	1 unit 41J
			Green	3SU1051-0AA40-0AA0		1	1 unit 41J
			Blue	3SU1051-0AA50-0AA0		1	1 unit 41J
			White	3SU1051-0AA60-0AA0		1	1 unit 41J
			Clear	3SU1051-0AA70-0AA0		1	1 unit 41J
 3SU1051-0BB20-0AA0	<b>Illuminated pushbuttons with raised button</b> Standard	Momentary contact	Amber	3SU1051-0BB00-0AA0		1	1 unit 41J
			Red	3SU1051-0BB20-0AA0		1	1 unit 41J
			Yellow	3SU1051-0BB30-0AA0		1	1 unit 41J
			Green	3SU1051-0BB40-0AA0		1	1 unit 41J
			Blue	3SU1051-0BB50-0AA0		1	1 unit 41J
			White	3SU1051-0BB60-0AA0		1	1 unit 41J
			Clear	3SU1051-0BB70-0AA0		1	1 unit 41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Actuating and signaling elements > Twin pushbuttons

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

	Version of actuating element	Operating principle	Color	Marking Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 3SU1050-3AB66-0AL0	Twin pushbuttons flat, flat	Momen- tary contact	Green/red	-- "I"/"O"	3SU1050-3AB42-0AA0 3SU1050-3AB42-0AK0		1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1050-3AB61-0AA0 3SU1050-3AB61-0AK0		1 1	1 unit 1 unit	41J 41J
			White/white	-- "--"/"+"	3SU1050-3AB66-0AA0 3SU1050-3AB66-0AL0 3SU1050-3AB66-0AM0		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
			Black/black	-- ⊙ ⊙ 5264/5265 (IEC 60417)	3SU1050-3AB11-0AA0 3SU1050-3AB11-0AQ0		1 1	1 unit 1 unit	41J 41J
 3SU1050-3BB42-0AK0	Twin pushbuttons flat, raised	Momen- tary contact	Green/red	-- "I"/"O"	3SU1050-3BB42-0AA0 3SU1050-3BB42-0AK0		1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1050-3BB61-0AA0 3SU1050-3BB61-0AK0		1 1	1 unit 1 unit	41J 41J
 3SU1051-3AB42-0AN0	Twin pushbuttons flat, flat, illuminated	Momen- tary contact	Green/red	-- "I"/"O" Arrows, vert.	3SU1051-3AB42-0AA0 3SU1051-3AB42-0AK0 3SU1051-3AB42-0AN0		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
			White/black	-- "I"/"O"	3SU1051-3AB61-0AA0 3SU1051-3AB61-0AK0		1 1	1 unit 1 unit	41J 41J
 3SU1051-3BB61-0AA0	Twin pushbuttons flat, raised, illuminated	Momen- tary contact	Green/red	-- "I"/"O"	3SU1051-3BB42-0AA0 3SU1051-3BB42-0AK0		1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1051-3BB61-0AA0 3SU1051-3BB61-0AK0		1 1	1 unit 1 unit	41J 41J

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle Unlatching method	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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## Mushroom pushbuttons

 3SU1050-1AD20-0AA0	<b>2 switch positions</b>							
	<b>Mushroom pushbuttons</b> 30 mm diameter, 2 positions	Momentary contact	Black Red Yellow Green	<b>3SU1050-1AD10-0AA0</b> <b>3SU1050-1AD20-0AA0</b> <b>3SU1050-1AD30-0AA0</b> <b>3SU1050-1AD40-0AA0</b>	1	1 unit	41J	
		Latching	Black	<b>3SU1050-1AA10-0AA0</b>	1	1 unit	41J	
		Pull to unlatch	Red	<b>3SU1050-1AA20-0AA0</b>	1	1 unit	41J	
 3SU1050-1BD30-0AA0	<b>Mushroom pushbuttons</b> 40 mm diameter, 2 positions	Momentary contact	Black Red Yellow Green	<b>3SU1050-1BD10-0AA0</b> <b>3SU1050-1BD20-0AA0</b> <b>3SU1050-1BD30-0AA0</b> <b>3SU1050-1BD40-0AA0</b>	1	1 unit	41J	
		Latching	Black	<b>3SU1050-1BA10-0AA0</b>	1	1 unit	41J	
		Pull to unlatch	Red	<b>3SU1050-1BA20-0AA0</b>	1	1 unit	41J	
			Yellow	<b>3SU1050-1BA30-0AA0</b>	1	1 unit	41J	
 3SU1050-1CD40-0AA0	<b>Mushroom pushbuttons</b> 60 mm diameter, 2 positions	Momentary contact	Black Red Yellow Green	<b>3SU1050-1CD10-0AA0</b> <b>3SU1050-1CD20-0AA0</b> <b>3SU1050-1CD30-0AA0</b> <b>3SU1050-1CD40-0AA0</b>	1	1 unit	41J	
		Latching	Black	<b>3SU1050-1CA10-0AA0</b>	1	1 unit	41J	
		Pull to unlatch	Red	<b>3SU1050-1CA20-0AA0</b>	1	1 unit	41J	
 3SU1051-1AD60-0AA0	<b>Mushroom pushbuttons</b> 30 mm diameter, 2 positions, illuminated	Momentary contact	Yellow Green Blue White	<b>3SU1051-1AD30-0AA0</b> <b>3SU1051-1AD40-0AA0</b> <b>3SU1051-1AD50-0AA0</b> <b>3SU1051-1AD60-0AA0</b>	1	1 unit	41J	
		Latching	Amber	<b>3SU1051-1AA00-0AA0</b>	1	1 unit	41J	
		Pull to unlatch	Red	<b>3SU1051-1AA20-0AA0</b>	1	1 unit	41J	
			Yellow	<b>3SU1051-1AA30-0AA0</b>	1	1 unit	41J	
		Green	<b>3SU1051-1AA40-0AA0</b>	1	1 unit	41J		
		Blue	<b>3SU1051-1AA50-0AA0</b>	1	1 unit	41J		
		Clear	<b>3SU1051-1AA70-0AA0</b>	1	1 unit	41J		
	 3SU1051-1BD40-0AA0	<b>Mushroom pushbuttons</b> 40 mm diameter, 2 positions, illuminated	Momentary contact	Amber Yellow Green White	<b>3SU1051-1BD00-0AA0</b> <b>3SU1051-1BD30-0AA0</b> <b>3SU1051-1BD40-0AA0</b> <b>3SU1051-1BD60-0AA0</b>	1	1 unit	41J
			Latching	Amber	<b>3SU1051-1BA00-0AA0</b>	1	1 unit	41J
Pull to unlatch			Red	<b>3SU1051-1BA20-0AA0</b>	1	1 unit	41J	
			Yellow	<b>3SU1051-1BA30-0AA0</b>	1	1 unit	41J	
		Green	<b>3SU1051-1BA40-0AA0</b>	1	1 unit	41J		
	Blue	<b>3SU1051-1BA50-0AA0</b>	1	1 unit	41J			
	Clear	<b>3SU1051-1BA70-0AA0</b>	1	1 unit	41J			
 3SU1051-1CA50-0AA0	<b>Mushroom pushbuttons</b> 60 mm diameter, 2 positions, illuminated	Momentary contact	Amber Yellow Green White	<b>3SU1051-1CD00-0AA0</b> <b>3SU1051-1CD30-0AA0</b> <b>3SU1051-1CD40-0AA0</b> <b>3SU1051-1CD60-0AA0</b>	1	1 unit	41J	
		Latching	Red	<b>3SU1051-1CA20-0AA0</b>	1	1 unit	41J	
		Pull to unlatch	Yellow	<b>3SU1051-1CA30-0AA0</b>	1	1 unit	41J	
			Green	<b>3SU1051-1CA40-0AA0</b>	1	1 unit	41J	
		Blue	<b>3SU1051-1CA50-0AA0</b>	1	1 unit	41J		
		Clear	<b>3SU1051-1CA70-0AA0</b>	1	1 unit	41J		

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Actuating and signaling elements > Mushroom pushbuttons/EMERGENCY-STOP mushroom pushbuttons

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle Unlatching method	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Mushroom pushbuttons

##### 2 switch positions



3SU1050-1HB10-0AA0

**Mushroom pushbuttons**  
with raised mushroom,  
40 mm diameter,  
2 positions

With positive latching  
Rotate to unlatch

Black  
Yellow

**3SU1050-1HB10-0AA0**  
**3SU1050-1HB30-0AA0**

1 1 unit 41J  
1 1 unit 41J

##### 3 switch positions



3SU1050-1EA20-0AA0

**Mushroom pushbuttons**  
40 mm diameter,  
3 positions

Momentary contact



Black  
Red

**3SU1050-1ED10-0AA0**  
**3SU1050-1ED20-0AA0**

1 1 unit 41J  
1 1 unit 41J



Latching

Black  
Red

**3SU1050-1EA10-0AA0**  
**3SU1050-1EA20-0AA0**

1 1 unit 41J  
1 1 unit 41J

Pull to unlatch

**Mushroom pushbuttons**  
40 mm diameter,  
3 positions, illuminated



3SU1051-1EA40-0AA0

Momentary contact



Red  
White

**3SU1051-1ED20-0AA0**  
**3SU1051-1ED60-0AA0**

1 1 unit 41J  
1 1 unit 41J



Latching

Red  
Green

**3SU1051-1EA20-0AA0**  
**3SU1051-1EA40-0AA0**

1 1 unit 41J  
1 1 unit 41J

Pull to unlatch

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

##### With pull to unlatch



3SU1050-1HA20-0AA0

With positive latching,  
2 positions

40

--

Red

**3SU1050-1HA20-0AA0**

1 1 unit 41J

##### With rotate to unlatch



3SU1050-1GB20-0AA0

With positive latching,  
2 positions

33.8

--

Red

**3SU1050-1GB20-0AA0**

1 1 unit 41J

### Actuating and signaling elements > EMERGENCY-STOP mushroom pushbuttons

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

##### With rotate to unlatch

With positive latching, 2 positions	40	--	Red	--	<b>3SU1050-1HB20-0AA0</b>		1	1 unit	41J
	60	--	Red	--	<b>3SU1050-1JB20-0AA0</b>		1	1 unit	41J



3SU1050-1HB20-0AA0



3SU1050-1JB20-0AA0

##### With rotate to unlatch, can be illuminated

With positive latching, 2 positions	33.8	--	Red	--	<b>3SU1051-1GB20-0AA0</b>		1	1 unit	41J
	40	--	Red	--	<b>3SU1051-1HB20-0AA0</b>		1	1 unit	41J
	60	--	Red	--	<b>3SU1051-1JB20-0AA0</b>		1	1 unit	41J



3SU1051-1HB20-0AA0

##### With key-operated release

With positive latching, 2 positions	40	RONIS, SB30	Red	2	<b>3SU1050-1HF20-0AA0</b>		1	1 unit	41J
		RONIS, 455	Red	2	<b>3SU1050-1HG20-0AA0</b>		1	1 unit	41J
		RONIS, 421	Red	2	<b>3SU1050-1HH20-0AA0</b>		1	1 unit	41J



3SU1050-1HF20-0AA0

		O.M.R. 73037	Red	2	<b>3SU1050-1HQ20-0AA0</b>		1	1 unit	41J
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3SU1050-1HQ20-0AA0



3SU1050-1HR20-0AA0

		Siemens, C, S-10-CG <sup>1)2)</sup>	Red	2	<b>3SU1050-1HR20-0AA0</b>		1	1 unit	41J
--	--	-------------------------------------	-----	---	---------------------------	--	---	--------	-----

		Siemens, C, SSPg <sup>1)</sup>	Red	2	<b>3SU1050-1HS20-0AA0</b>		1	1 unit	41J
--	--	--------------------------------	-----	---	---------------------------	--	---	--------	-----

		Siemens, C, VL5 <sup>1)</sup>	Black	2	<b>3SU1050-1HU10-0AA0</b>		1	1 unit	41J
--	--	-------------------------------	-------	---	---------------------------	--	---	--------	-----

			Red	2	<b>3SU1050-1HU20-0AA0</b>		1	1 unit	41J
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		Siemens, C, VL1 <sup>1)</sup>	Red	2	<b>3SU1050-1HV20-0AA0</b>		1	1 unit	41J
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		Siemens, B, S1 <sup>3)</sup>	Red	2	<b>3SU1050-1HK20-0AA0</b>		1	1 unit	41J
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		Siemens, B, E7 <sup>3)4)</sup>	Red	0	<b>3SU1050-1HM20-0AA0</b>		1	1 unit	41J
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		Siemens, B, E9 <sup>3)4)</sup>	Red	0	<b>3SU1050-1HN20-0AA0</b>		1	1 unit	41J
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<sup>1)</sup> Siemens, C lock (compatible with CES locks).

<sup>2)</sup> S-10-CG (compatible with SSG10 lock).

<sup>3)</sup> Siemens, B lock (compatible with BKS locks).

<sup>4)</sup> VW locks are supplied without a key.

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Actuating and signaling elements > Toggle switches/Selector switches

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Number of switch positions	Number of command points	Color of actuating element	Operating principle of the actuating element	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Toggle switches



3SU1050-3EA10-0AA0

2	1	Black	Latching	<b>3SU1050-3EA10-0AA0</b>		1	1 unit	41J
			Momentary contact, reset from above	<b>3SU1050-3EC10-0AA0</b>		1	1 unit	41J

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Selector switches

##### 2 switch positions, can be illuminated



3SU1052-2BC20-0AA0

Selector, short black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black	<b>3SU1052-2BC10-0AA0</b>	1	1 unit	41J
		Red	<b>3SU1052-2BC20-0AA0</b>	1	1 unit	41J
		Yellow	<b>3SU1052-2BC30-0AA0</b>	1	1 unit	41J
		Green	<b>3SU1052-2BC40-0AA0</b>	1	1 unit	41J
		Blue	<b>3SU1052-2BC50-0AA0</b>	1	1 unit	41J
		White	<b>3SU1052-2BC60-0AA0</b>	1	1 unit	41J



3SU1052-2BF40-0AA0

Latching, 90° (10:30/1:30 o'clock)	Latching, 90° (10:30/1:30 o'clock)	Amber	<b>3SU1052-2BF00-0AA0</b>	1	1 unit	41J
		Black	<b>3SU1052-2BF10-0AA0</b>	1	1 unit	41J
		Red	<b>3SU1052-2BF20-0AA0</b>	1	1 unit	41J
		Yellow	<b>3SU1052-2BF30-0AA0</b>	1	1 unit	41J
		Green	<b>3SU1052-2BF40-0AA0</b>	1	1 unit	41J
		Blue	<b>3SU1052-2BF50-0AA0</b>	1	1 unit	41J
		White	<b>3SU1052-2BF60-0AA0</b>	1	1 unit	41J



3SU1052-2CF60-0AA0

Selector, long black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black	<b>3SU1052-2CC10-0AA0</b>	1	1 unit	41J
		Yellow	<b>3SU1052-2CC30-0AA0</b>	1	1 unit	41J
		Green	<b>3SU1052-2CC40-0AA0</b>	1	1 unit	41J
		Blue	<b>3SU1052-2CC50-0AA0</b>	1	1 unit	41J
		White	<b>3SU1052-2CC60-0AA0</b>	1	1 unit	41J



Latching, 90° (10:30/1:30 o'clock)	Latching, 90° (10:30/1:30 o'clock)	Black	<b>3SU1052-2CF10-0AA0</b>	1	1 unit	41J
		Red	<b>3SU1052-2CF20-0AA0</b>	1	1 unit	41J
		Yellow	<b>3SU1052-2CF30-0AA0</b>	1	1 unit	41J
		Green	<b>3SU1052-2CF40-0AA0</b>	1	1 unit	41J
		Blue	<b>3SU1052-2CF50-0AA0</b>	1	1 unit	41J
		White	<b>3SU1052-2CF60-0AA0</b>	1	1 unit	41J



Multi-unit packaging,  
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
<b>Selector switches</b>									
<b>3 switch positions, can be illuminated</b>									
 3SU1052-2BM50-0AA0	Selector, short black actuator	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left	Amber Black Red Yellow Green Blue White	3SU1052-2BM00-0AA0 3SU1052-2BM10-0AA0 3SU1052-2BM20-0AA0 3SU1052-2BM30-0AA0 3SU1052-2BM40-0AA0 3SU1052-2BM50-0AA0 3SU1052-2BM60-0AA0	1	1 unit	41J		
		Latching, 2x45° (10:30/12/1:30 o'clock)	Amber Black Red Yellow Green White	3SU1052-2BL00-0AA0 3SU1052-2BL10-0AA0 3SU1052-2BL20-0AA0 3SU1052-2BL30-0AA0 3SU1052-2BL40-0AA0 3SU1052-2BL60-0AA0	1	1 unit	41J		
		Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right	Black Red Green White	3SU1052-2BP10-0AA0 3SU1052-2BP20-0AA0 3SU1052-2BP40-0AA0 3SU1052-2BP60-0AA0	1	1 unit	41J		
		Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left	Black Red Green White	3SU1052-2BN10-0AA0 3SU1052-2BN20-0AA0 3SU1052-2BN40-0AA0 3SU1052-2BN60-0AA0	1	1 unit	41J		
		 3SU1052-2CL40-0AA0	Selector, long black actuator	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left	Black Red Green White	3SU1052-2CM10-0AA0 3SU1052-2CM20-0AA0 3SU1052-2CM40-0AA0 3SU1052-2CM60-0AA0	1	1 unit	41J
				Latching, 2x45° (10:30/12/1:30 o'clock)	Black Red Green White	3SU1052-2CL10-0AA0 3SU1052-2CL20-0AA0 3SU1052-2CL40-0AA0 3SU1052-2CL60-0AA0	1	1 unit	41J
 3SU1052-2CP10-0AA0	Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right			Black Red White	3SU1052-2CP10-0AA0 3SU1052-2CP20-0AA0 3SU1052-2CP60-0AA0	1	1 unit	41J	
				Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left	Black Red White	3SU1052-2CN10-0AA0 3SU1052-2CN20-0AA0 3SU1052-2CN60-0AA0	1	1 unit	41J
 3SU1052-2GL10-0AA0	Latching, 2x45° (10:30/12/1:30 o'clock), lockable in O+I, with 2 padlocks or snap hooks, bracket diameter 5 mm	Black	3SU1052-2GL10-0AA0	1	1 unit	41J			

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Actuating and signaling elements > Selector switches

Multi-unit packaging, see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Selector switches (continued)



3SU1050-2AS60-0AA0

#### 4 switch positions

Rotary knob Latching, 4x90° (3/6/9/12 o'clock)



White



3SU1050-2AS60-0AA0

1 1 unit 41J

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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## Key-operated switches

## 2 switch positions



3SU1050-4BC01-0AA0

Momentary contact, 45° (10:30/12 o'clock), reset from center to left



Momentary contact, 45° (10:30/12 o'clock), reset from center to left	RONIS, SB30	O	2	<b>3SU1050-4BC01-0AA0</b>		1	1 unit	41J
	RONIS, 455	O	2	<b>3SU1050-4CC01-0AA0</b>		1	1 unit	41J
	O.M.R. 73037, red	O	2	<b>3SU1050-4FC01-0AA0</b>		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	<b>3SU1050-4GC01-0AA0</b>		1	1 unit	41J
	O.M.R. 73034, black	O	2	<b>3SU1050-4HC01-0AA0</b>		1	1 unit	41J
	O.M.R. 73033, yellow	O	2	<b>3SU1050-4JC01-0AA0</b>		1	1 unit	41J
	Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1050-5BC01-0AA0</b>		1	1 unit	41J
	Siemens, C, LSG1 <sup>1)</sup>	O	2	<b>3SU1050-5HC01-0AA0</b>		1	1 unit	41J
	Siemens, C, VL5 <sup>1)</sup>	O	2	<b>3SU1050-5KC01-0AA0</b>		1	1 unit	41J
	Siemens, C, STGH10 <sup>1)</sup>	O	2	<b>3SU1050-5LC01-0AA0</b>		1	1 unit	41J
Siemens, B, S1 <sup>3)</sup>	O	2	<b>3SU1050-5PC01-0AA0</b>		1	1 unit	41J	
Latching, 90° (10:30/1:30 o'clock)	RONIS, SB30	O	2	<b>3SU1050-4BF01-0AA0</b>		1	1 unit	41J
	RONIS, 455	O+i	2	<b>3SU1050-4BF11-0AA0</b>		1	1 unit	41J
		I	2	<b>3SU1050-4BF21-0AA0</b>		1	1 unit	41J
		O	2	<b>3SU1050-4CF01-0AA0</b>		1	1 unit	41J
	RONIS, 421	O+i	2	<b>3SU1050-4CF11-0AA0</b>		1	1 unit	41J
		I	2	<b>3SU1050-4CF21-0AA0</b>		1	1 unit	41J
		O	2	<b>3SU1050-4DF01-0AA0</b>		1	1 unit	41J
	O.M.R. 73037, red	O+i	2	<b>3SU1050-4DF11-0AA0</b>		1	1 unit	41J
		I	2	<b>3SU1050-4FF01-0AA0</b>		1	1 unit	41J
		O+i	2	<b>3SU1050-4FF11-0AA0</b>		1	1 unit	41J
	O.M.R. 73038, light blue	I	2	<b>3SU1050-4FF21-0AA0</b>		1	1 unit	41J
		O	2	<b>3SU1050-4GF01-0AA0</b>		1	1 unit	41J
		O+i	2	<b>3SU1050-4GF11-0AA0</b>		1	1 unit	41J
	O.M.R. 73034, black	I	2	<b>3SU1050-4GF21-0AA0</b>		1	1 unit	41J
		O	2	<b>3SU1050-4HF01-0AA0</b>		1	1 unit	41J
		O+i	2	<b>3SU1050-4HF11-0AA0</b>		1	1 unit	41J
	O.M.R. 73033, yellow	I	2	<b>3SU1050-4HF21-0AA0</b>		1	1 unit	41J
		O	2	<b>3SU1050-4JF01-0AA0</b>		1	1 unit	41J
O+i		2	<b>3SU1050-4JF11-0AA0</b>		1	1 unit	41J	
Siemens, C, S-10-CG <sup>1)2)</sup>	I	2	<b>3SU1050-4JF21-0AA0</b>		1	1 unit	41J	
	O	2	<b>3SU1050-5BF01-0AA0</b>		1	1 unit	41J	
	O+i	2	<b>3SU1050-5BF11-0AA0</b>		1	1 unit	41J	
Siemens, C, S-10-CG <sup>1)2)</sup> with key monitoring	I	2	<b>3SU1050-5BF21-0AA0</b>		1	1 unit	41J	
	O	2	<b>3SU1050-5JF01-0AA0</b>		1	1 unit	41J	
	O+i	2	<b>3SU1050-5JF11-0AA0</b>		1	1 unit	41J	
Siemens, C, LSG1 <sup>1)</sup>	I	2	<b>3SU1050-5JF21-0AA0</b>		1	1 unit	41J	
	O	2	<b>3SU1050-5HF01-0AA0</b>		1	1 unit	41J	
	O+i	2	<b>3SU1050-5HF11-0AA0</b>		1	1 unit	41J	
Siemens, C, VL5 <sup>1)</sup>	O	2	<b>3SU1050-5HF01-0AA0</b>		1	1 unit	41J	
	O+i	2	<b>3SU1050-5HF11-0AA0</b>		1	1 unit	41J	
	O	2	<b>3SU1050-5KF01-0AA0</b>		1	1 unit	41J	
Siemens, C, STGH10 <sup>1)</sup>	O+i	2	<b>3SU1050-5KF11-0AA0</b>		1	1 unit	41J	
	O	2	<b>3SU1050-5LF01-0AA0</b>		1	1 unit	41J	
	O+i	2	<b>3SU1050-5LF11-0AA0</b>		1	1 unit	41J	
Siemens, B, S1 <sup>3)</sup>	O	2	<b>3SU1050-5PF01-0AA0</b>		1	1 unit	41J	
	O+i	2	<b>3SU1050-5PF11-0AA0</b>		1	1 unit	41J	
	I	2	<b>3SU1050-5PF21-0AA0</b>		1	1 unit	41J	
Siemens, B, E1 <sup>3)4)</sup>	O	0	<b>3SU1050-5QF01-0AA0</b>		1	1 unit	41J	
	O+i	0	<b>3SU1050-5QF11-0AA0</b>		1	1 unit	41J	
Siemens, B, E2 <sup>3)4)</sup>	O	0	<b>3SU1050-5RF01-0AA0</b>		1	1 unit	41J	
	O+i	0	<b>3SU1050-5RF11-0AA0</b>		1	1 unit	41J	
Siemens, B, E7 <sup>3)4)</sup>	O	0	<b>3SU1050-5SF01-0AA0</b>		1	1 unit	41J	
	O+i	0	<b>3SU1050-5SF11-0AA0</b>		1	1 unit	41J	
Siemens, B, E9 <sup>3)4)</sup>	O	0	<b>3SU1050-5TF01-0AA0</b>		1	1 unit	41J	
	O+i	0	<b>3SU1050-5TF11-0AA0</b>		1	1 unit	41J	

<sup>1)</sup> Siemens, C lock (compatible with CES locks).

<sup>2)</sup> S-10-CG (compatible with SSG10 lock).

<sup>3)</sup> Siemens, B lock (compatible with BKS locks).

<sup>4)</sup> VW locks are supplied without a key.

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny



### Actuating and signaling elements > Key-operated switches

Multi-unit packaging,  
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Key-operated switches (continued)

##### 3 switch positions



3SU1050-4BM01-0AA0

Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left



RONIS, SB30	O	2	<b>3SU1050-4BM01-0AA0</b>	1	1 unit	41J
RONIS, 455	O	2	<b>3SU1050-4CM01-0AA0</b>	1	1 unit	41J
O.M.R. 73034, black	O	2	<b>3SU1050-4HM01-0AA0</b>	1	1 unit	41J
Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1050-5BM01-0AA0</b>	1	1 unit	41J
Siemens, C, STGH10 <sup>1)</sup>	O	2	<b>3SU1050-5LM01-0AA0</b>	1	1 unit	41J
Siemens, B, S <sup>3)</sup>	O	2	<b>3SU1050-5PM01-0AA0</b>	1	1 unit	41J

Latching, 2x45° (10:30/12/1:30 o'clock)



RONIS, SB30	O	2	<b>3SU1050-4BL01-0AA0</b>	1	1 unit	41J
	I+O+II	2	<b>3SU1050-4BL11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1050-4BL21-0AA0</b>	1	1 unit	41J
	II	2	<b>3SU1050-4BL31-0AA0</b>	1	1 unit	41J
	I+II	2	<b>3SU1050-4BL41-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1050-4BL51-0AA0</b>	1	1 unit	41J
RONIS, 455	O	2	<b>3SU1050-4CL01-0AA0</b>	1	1 unit	41J
	I+O+II	2	<b>3SU1050-4CL11-0AA0</b>	1	1 unit	41J
RONIS, 421		2	<b>3SU1050-4DL11-0AA0</b>	1	1 unit	41J



3SU1050-4FL11-0AA0

O.M.R. 73037, red	I+O+II	2	<b>3SU1050-4FL11-0AA0</b>	1	1 unit	41J
O.M.R. 73038, light blue	O	2	<b>3SU1050-4GL01-0AA0</b>	1	1 unit	41J
	I+O+III	2	<b>3SU1050-4GL11-0AA0</b>	1	1 unit	41J
O.M.R. 73034, black	O	2	<b>3SU1050-4HL01-0AA0</b>	1	1 unit	41J
	I+O+II	2	<b>3SU1050-4HL11-0AA0</b>	1	1 unit	41J



3SU1050-5BL01-0AA0

Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1050-5BL01-0AA0</b>	1	1 unit	41J
	I+O+II	2	<b>3SU1050-5BL11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1050-5BL21-0AA0</b>	1	1 unit	41J
	II	2	<b>3SU1050-5BL31-0AA0</b>	1	1 unit	41J
	I+II	2	<b>3SU1050-5BL41-0AA0</b>	1	1 unit	41J

Siemens, C, S-10-CG <sup>1)2)</sup> with key monitoring	O	2	<b>3SU1050-5JL01-0AA0</b>	1	1 unit	41J
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Siemens, B, S <sup>3)</sup>	O	2	<b>3SU1050-5PL01-0AA0</b>	1	1 unit	41J
	I+O+II	2	<b>3SU1050-5PL11-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1050-5PL21-0AA0</b>	1	1 unit	41J
	I+II	2	<b>3SU1050-5PL41-0AA0</b>	1	1 unit	41J



3SU1050-4BP01-0AA0

Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right	RONIS, SB30	O	2	<b>3SU1050-4BP01-0AA0</b>	1	1 unit	41J
		O+II	2	<b>3SU1050-4BP61-0AA0</b>	1	1 unit	41J
	O.M.R. 73034, black	II	2	<b>3SU1050-4HP31-0AA0</b>	1	1 unit	41J
	O.M.R. 73033, yellow	II	2	<b>3SU1050-4JP31-0AA0</b>	1	1 unit	41J

Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1050-5BP01-0AA0</b>	1	1 unit	41J
	II	2	<b>3SU1050-5BP31-0AA0</b>	1	1 unit	41J
	O+II	2	<b>3SU1050-5BP61-0AA0</b>	1	1 unit	41J

Siemens, B, S <sup>3)</sup>	O	2	<b>3SU1050-5PP01-0AA0</b>	1	1 unit	41J
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Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left	RONIS, SB30	O	2	<b>3SU1050-4BN01-0AA0</b>	1	1 unit	41J
		I	2	<b>3SU1050-4BN21-0AA0</b>	1	1 unit	41J
		O+I	2	<b>3SU1050-4BN51-0AA0</b>	1	1 unit	41J

Siemens, C, S-10-CG <sup>1)2)</sup>	O	2	<b>3SU1050-5BN01-0AA0</b>	1	1 unit	41J
	I	2	<b>3SU1050-5BN21-0AA0</b>	1	1 unit	41J
	O+I	2	<b>3SU1050-5BN51-0AA0</b>	1	1 unit	41J

Siemens, C, STGH10 <sup>1)</sup>	O+I	2	<b>3SU1050-5LN51-0AA0</b>	1	1 unit	41J
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Siemens, B, S <sup>3)</sup>	O+I	2	<b>3SU1050-5PN51-0AA0</b>	1	1 unit	41J
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<sup>1)</sup> Siemens, C lock (compatible with CES locks).

<sup>2)</sup> S-10-CG (compatible with SSG10 lock).

<sup>3)</sup> Siemens, B lock (compatible with BKS locks).

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Actuating angle	Operating principle	Switch position for key removal	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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ID key-operated switch<sup>1)</sup> **NEW**

3SU1050-4WS10-0AA0

**4 switch positions**

45°	Latching	Key removal possible in all 4 positions	Black	<b>3SU1050-4WS10-0AA0</b>		1	1 unit	41J
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<sup>1)</sup> Only use in conjunction with 3SU1500-0AA10-0AA0 plastic holder or 3SU1550-0AA10-0AA0 universal holder.

Electronic modules for ID key-operated switches, see page 13/91.  
Holders for ID key-operated switches, see page 13/77.

ID keys, see page 13/137.

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Number of NO contacts (1 per direction)	Operating principle	Direction of actuation	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			

## Coordinate switches



3SU1050-7AC88-0AA0

**Without mechanical interlock, 2 switch positions**

2	Momentary contact	Horizontal Vertical	<b>3SU1050-7AC88-0AA0</b>	1	1 unit	41J
	Latching	Horizontal Vertical	<b>3SU1050-7AD88-0AA0</b>	1	1 unit	41J
	Latching	Horizontal Vertical	<b>3SU1050-7AA88-0AA0</b>	1	1 unit	41J
			<b>3SU1050-7AB88-0AA0</b>	1	1 unit	41J

**Without mechanical interlock, 4 switch positions**

4	Momentary contact	Horizontal/vertical	<b>3SU1050-7AF88-0AA0</b>	1	1 unit	41J
	Latching	Horizontal/vertical	<b>3SU1050-7AE88-0AA0</b>	1	1 unit	41J

**With mechanical interlock, 2 switch positions**

2	Momentary contact	Horizontal Vertical	<b>3SU1050-7BC88-0AA0</b>	1	1 unit	41J
	Latching	Horizontal Vertical	<b>3SU1050-7BD88-0AA0</b>	1	1 unit	41J
	Latching	Horizontal Vertical	<b>3SU1050-7BA88-0AA0</b>	1	1 unit	41J
			<b>3SU1050-7BB88-0AA0</b>	1	1 unit	41J

**With mechanical interlock, 4 switch positions**

4	Momentary contact	Horizontal/vertical	<b>3SU1050-7BF88-0AA0</b>	1	1 unit	41J
	Latching	Horizontal/vertical	<b>3SU1050-7BE88-0AA0</b>	1	1 unit	41J

3SU1050-7BC88-0AA0

## Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Product version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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## Indicator lights



3SU1051-6AA40-0AA0

With smooth lens	Amber	<b>3SU1051-6AA00-0AA0</b>	1	5 units	41J
	Red	<b>3SU1051-6AA20-0AA0</b>	1	5 units	41J
	Yellow	<b>3SU1051-6AA30-0AA0</b>	1	5 units	41J
	Green	<b>3SU1051-6AA40-0AA0</b>	1	5 units	41J
	Blue	<b>3SU1051-6AA50-0AA0</b>	1	5 units	41J
	White	<b>3SU1051-6AA60-0AA0</b>	1	5 units	41J
	Clear	<b>3SU1051-6AA70-0AA0</b>	1	5 units	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, 22 mm, metal, shiny

### Actuating and signaling elements > Sealing plugs, USB and RJ45 connections

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
mm							

#### Sealing plugs<sup>1)</sup>



3SU1950-0FA80-0AA0

<sup>1)</sup> The sealing plug is mounted with a holder.  
Modules might already be mounted on the holder.

22	Metal, shiny	Silver	<b>3SU1950-0FA80-0AA0</b>		1	5 units	41J
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Product version	Mounting diameter	Accessory material	Accessory color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	mm						
				Article No.	Price per PU		

#### USB-A connections



3SU1950-0GA80-0AA0



USB 3.0	22	Metal, shiny	Silver	<b>3SU1950-0GA80-0AA0</b>		1	1 unit	41J
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#### RJ45 connections



3SU1950-0GB80-0AA0



RJ45 Cat. 5e	22	Metal, shiny	Silver	<b>3SU1950-0GB80-0AA0</b>		1	1 unit	41J
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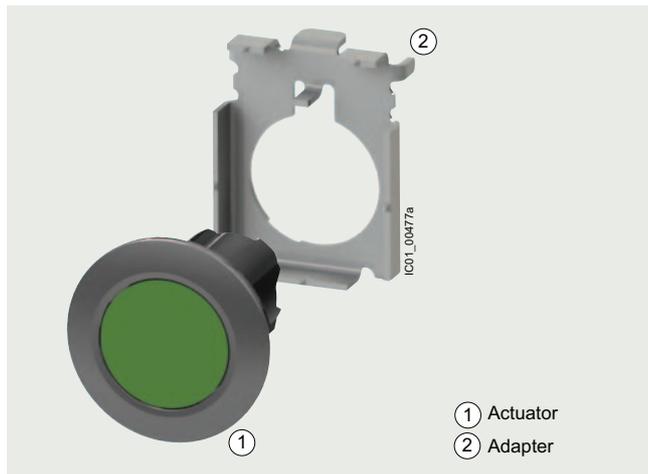
## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Actuators and indicators, flat, 30 mm, metal, matte

#### Actuating and signaling elements > Pushbuttons

#### Overview



Actuator and indicator, flat, 30 mm, metal, matte, including adapter (adapter included in scope of supply)

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Version	Operating principle	Unlatching method	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Pushbuttons</b>								
 3SU1060-OJB50-0AA0	<b>Pushbuttons with flat button</b> Momentary -- contact	--	Black	<b>3SU1060-OJB10-0AA0</b>		1	1 unit	41J
			Red	<b>3SU1060-OJB20-0AA0</b>				
			Yellow	<b>3SU1060-OJB30-0AA0</b>				
			Green	<b>3SU1060-OJB40-0AA0</b>				
			Blue	<b>3SU1060-OJB50-0AA0</b>				
			White	<b>3SU1060-OJB60-0AA0</b>				
			Gray	<b>3SU1060-OJB80-0AA0</b>				
			Amber	<b>3SU1060-OJB00-0AA0</b>				
			 3SU1060-OJA20-0AA0	Latching Push to unlatch				
Red	<b>3SU1060-OJA20-0AA0</b>							
Yellow	<b>3SU1060-OJA30-0AA0</b>							
Green	<b>3SU1060-OJA40-0AA0</b>							
Blue	<b>3SU1060-OJA50-0AA0</b>							
White	<b>3SU1060-OJA60-0AA0</b>							
 3SU1061-OJB40-0AA0	<b>Illuminated pushbuttons with flat button</b> Momentary -- contact	--	Red	<b>3SU1061-OJB20-0AA0</b>		1	1 unit	41J
			Yellow	<b>3SU1061-OJB30-0AA0</b>				
			Green	<b>3SU1061-OJB40-0AA0</b>				
			Blue	<b>3SU1061-OJB50-0AA0</b>				
			Clear	<b>3SU1061-OJB70-0AA0</b>				
			 3SU1061-OJA30-0AA0	Latching Push to unlatch				
Yellow	<b>3SU1061-OJA30-0AA0</b>							
Green	<b>3SU1061-OJA40-0AA0</b>							
Blue	<b>3SU1061-OJA50-0AA0</b>							
Clear	<b>3SU1061-OJA70-0AA0</b>							

\* You can order this quantity or a multiple thereof. Illustrations are approximate

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, flat, 30 mm, metal, matte

### Actuating and signaling elements > Selector switches

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Selector switches

 3SU1062-2DC40-0AA0	<b>2 switch positions, can be illuminated</b>							
	Selector, short black actuator and front ring for flat mounting	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black Red Green White	3SU1062-2DC10-0AA0 3SU1062-2DC20-0AA0 3SU1062-2DC40-0AA0 3SU1062-2DC60-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
								
		Latching, 90° (10:30/1:30 o'clock)	Black Red Green Blue White	3SU1062-2DF10-0AA0 3SU1062-2DF20-0AA0 3SU1062-2DF40-0AA0 3SU1062-2DF50-0AA0 3SU1062-2DF60-0AA0		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J
								
 3SU1062-2EC20-0AA0	<b>2 switch positions, can be illuminated</b>							
	Selector, long black actuator and front ring for flat mounting	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black Red Green White	3SU1062-2EC10-0AA0 3SU1062-2EC20-0AA0 3SU1062-2EC40-0AA0 3SU1062-2EC60-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
								
		Latching, 90° (10:30/1:30 o'clock)	Black Red Green White	3SU1062-2EF10-0AA0 3SU1062-2EF20-0AA0 3SU1062-2EF40-0AA0 3SU1062-2EF60-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
								
 3SU1062-2DL60-0AA0	<b>3 switch positions (I+O+II), can be illuminated</b>							
	Selector, short black actuator and front ring for flat mounting	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left	Black Red Green White	3SU1062-2DM10-0AA0 3SU1062-2DM20-0AA0 3SU1062-2DM40-0AA0 3SU1062-2DM60-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
								
		Latching, 2x45° (10:30/12/1:30 o'clock)	Black Red Yellow Green White	3SU1062-2DL10-0AA0 3SU1062-2DL20-0AA0 3SU1062-2DL30-0AA0 3SU1062-2DL40-0AA0 3SU1062-2DL60-0AA0		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J
								
		Momentary contact to the right/ latching to the left, 2x45° (10:30/12/1:30 o'clock)	White	3SU1062-2DN60-0AA0		1	1 unit	41J
								
	 3SU1062-2EL20-0AA0	<b>2 switch positions, can be illuminated</b>						
		Selector, long black actuator and front ring for flat mounting	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left	Black Red Green White	3SU1062-2EM10-0AA0 3SU1062-2EM20-0AA0 3SU1062-2EM40-0AA0 3SU1062-2EM60-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit
								
		Latching, 2x45° (10:30/12/1:30 o'clock)	Black Red Green White	3SU1062-2EL10-0AA0 3SU1062-2EL20-0AA0 3SU1062-2EL40-0AA0 3SU1062-2EL60-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
								

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, flat, 30 mm, metal, matte

#### Actuating and signaling elements > Key-operated switches/Indicator lights

##### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Make of lock	Operating principle	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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##### Key-operated switches

###### 2 switch positions



3SU1060-4LF11-0AA0

RONIS, SB30 and front ring for flat installation

Momentary contact, 45° (10:30/12 o'clock), reset from center to left



O 2

3SU1060-4LC01-0AA0

1 1 unit 41J

Latching, 90° (10:30/1:30 o'clock)



O 2  
O+I 2  
I 2

3SU1060-4LF01-0AA0  
3SU1060-4LF11-0AA0  
3SU1060-4LF21-0AA0

1 1 unit 41J  
1 1 unit 41J  
1 1 unit 41J

###### 3 switch positions



3SU1060-4LL11-0AA0

RONIS, SB30 and front ring for flat installation

Latching, 2x45° (10:30/12/1:30 o'clock)



I+O+II 2

3SU1060-4LL11-0AA0

1 1 unit 41J

Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right + left



O 2

3SU1060-4LM01-0AA0

1 1 unit 41J

##### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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##### Indicator lights



3SU1061-0JD40-0AA0

With flat lens

Red  
Yellow  
Green  
Blue  
Clear

3SU1061-0JD20-0AA0  
3SU1061-0JD30-0AA0  
3SU1061-0JD40-0AA0  
3SU1061-0JD50-0AA0  
3SU1061-0JD70-0AA0

1 1 unit 41J  
1 1 unit 41J  
1 1 unit 41J  
1 1 unit 41J  
1 1 unit 41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, flat, 30 mm, metal, matte

### Actuating and signaling elements > Sealing plugs, USB and RJ45 connections

#### Selection and ordering data

Multi-unit packaging,  
see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
mm							

#### Sealing plugs<sup>1)</sup>



3SU1960-0FA80-0AA0

<sup>1)</sup> The sealing plug is mounted with a holder.  
Modules might already be mounted on the holder.

30	Metal, matte	Sand gray	<b>3SU1960-0FA80-0AA0</b>		1	1 unit	41J
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Product version	Mounting diameter	Accessory material	Accessory color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
mm							
				Article No.	Price per PU		

#### USB-A connections



3SU1960-0GA80-0AA0



USB 3.0	30	Metal, matte	Sand gray	<b>3SU1960-0GA80-0AA0</b>		1	1 unit	41J
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#### RJ45 connections



3SU1960-0GB80-0AA0



RJ45 Cat. 5e	30	Metal, matte	Sand gray	<b>3SU1960-0GB80-0AA0</b>		1	1 unit	41J
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### Options

#### Special locks for key-operated switches

The plastic and metal key-operated switches of type RONIS, Siemens, C (compatible with CES locks) and Siemens, B (compatible with BKS locks) can optionally be ordered with special locks in addition to the standard locks.

In this case **"-Z"**, the order code **"Y01"** and the required lock number must be added to the article number of the relevant key-operated switch for standard locking.

Order code	Y01
Additional price per unit	
Ordering example	3SU1000-5BF01-0AA0-Z Y01 Z=S-18-CG (compatible with SSG18)

#### Ordering notes

- For all special locks, an additional price applies.
- The order code **"Y01"** must be quoted in accordance with the above table. Automated processing of the order with a defined delivery time can be guaranteed only for correctly submitted orders.
- For applications with a higher requirement for access security when using several different lock numbers, we recommend using locks of the Siemens, C (compatible with CES locks) and Siemens, B (compatible with BKS locks) types.
- Special locks for VW (E1, E2, ...) will be delivered without keys, all others with two keys.
- Available special locks
  - RONIS:  
SB30, SB31, 421, 455
  - O.M.R.:  
73038, 73037, 73034, 73033
  - Siemens, C (compatible with CES locks):  
S-1-CG to S-100-CG (compatible with SSG1 to SSG100);  
SMS1 to SMS100; LSG1;  
BAZ1, BAZ6, BAZ8, BAZ11, BAZ20, BAZ27, BAZ30, BAZ34;  
VL1, VL5; TAB501; STGH10; SSP9
  - Siemens, B (compatible with BKS locks):  
S1 to S99; E1 to E25 (VW – without key);  
G3751 (VW – without key)
  - For key-operated switches with key monitoring and Siemens, C locks, the above-mentioned S-1-CG to S-100-CG locks and BAZ locks can be used.
  - For Siemens, C locks VL1 and VL5, key removal is possible in O, I, II, O+I and O+II, respectively.

#### Note:

Mixing of the special locks listed above from different key-operated switch brands is not possible.

A RONIS key-operated switch cannot be combined with an S-10-CG lock (compatible with SSG10 lock), for example.

#### Master and master-pass key systems

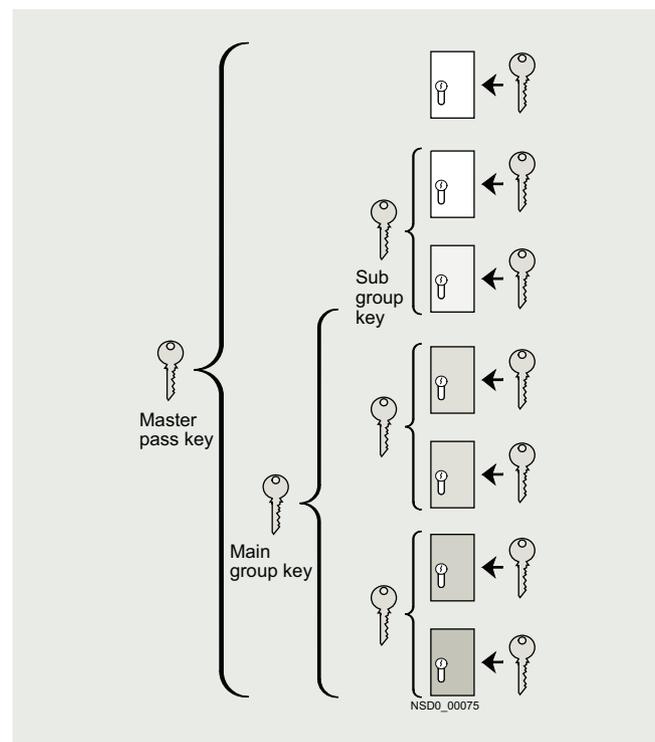
The following locking systems can be supplied with Siemens, C (compatible with CES locks) and Siemens, B (compatible with BKS locks) locks:

- Central lock systems
- Master key systems
- Central master key systems
- Master-pass key systems

When placing an order you must supplement the article number of the matching key-operated switches with **"-Z"** and quote the order code **"Y03"**.

Price and delivery time on request.

Email: [sirius-attach.aud@siemens.com](mailto:sirius-attach.aud@siemens.com)



Example of master-pass key system

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Actuators and indicators, customized designs

### Laser inscriptions

#### Options

##### Inscription of actuating and signaling elements

Actuators and indicators of plastic as well as metal version can be optionally inscribed with a laser.



Example of laser inscription

The actuators of the pushbuttons, illuminated pushbuttons, twin pushbuttons, mushroom pushbuttons, illuminated mushroom pushbuttons, EMERGENCY-STOP mushroom pushbuttons (without lock), the lenses of the indicator lights, and the acoustic signaling devices can all be inscribed.

##### Version

The default typeface used for inscriptions with text is Arial and the text is centered.

The font height for illuminated actuators is 2.5 mm, for non-illuminated actuators 3 mm.

##### Notes:

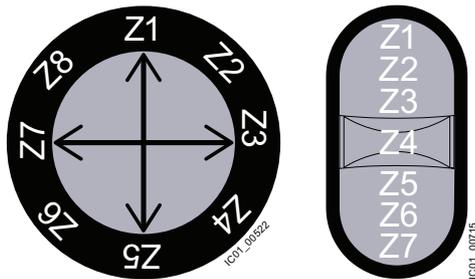
Selected pushbuttons and twin pushbuttons can be supplied as standard with inscribed letters or symbols.

Selector switches, key-operated switches and toggle switches can only be inscribed on the front ring in the design lines

- 22 mm, plastic, black and
- Flat, 30 mm, metal matte

(only one text line and the supplement Y19).

##### Assignment of the positions on the actuator



Front ring and twin pushbutton

##### Ordering notes

To order, the inscribed actuating and signaling elements can be selected via the SIRIUS ACT configurator. An electronic order form is then generated.

Configurator, see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator).

When ordering, add "-Z" and one of the following order codes to the article number of the actuating element or the indicator light:

- **Y10:** Text in upper/lower case, always upper case for beginning of line, e.g. Z1=Lift Z2=Lower
- **Y11:** Text in upper case, e.g. Z1=LIFT Z2=LOWER
- **Y12:** Text in lower case, e.g. Z1=lift off Z2=lower off
- **Y15:** Text in upper/lower case, all words begin with upper case letters, e.g. Z1=Lift Off Z2=Lower Off
- **Y13:** Symbol with number according to ISO 7000 or IEC 60417
- **Y19:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see ordering examples 1 to 3).

In the case of symbols, specify the symbol No. and the standard (see ordering example 2).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. Z1=Lift Z2=Lower (see ordering examples 1 and 3).

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see ordering example 4). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)
- SiePortal: [www.siemens.com/sirius/mall](http://www.siemens.com/sirius/mall)

##### Ordering example 1

A round pushbutton with 2 lines of text is required:

**3SU1000-0AB20-0AA0-Z**

**Y10**

Z1=Lift  
Z2=Lower

##### Ordering example 2

A pushbutton inscribed with symbol No. 5389 according to IEC 60417 is required:

**3SU1000-0AB20-0AA0-Z**

**Y13**

Z=5389 IEC

##### Ordering example 3

A selector switch with 2 switch positions and multi-line inscription on the front ring is required:

**3SU1002-2BF10-0AA0-Z**

**Y11**

Z8=0  
Z2=1

##### Ordering example 4

An indicator light with customized inscription is required:

**3SU1001-6AA50-0AA0-Z**

**Y19**

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

**Overview**

- Plastic holders are mounted on actuators and indicators made of plastic (3SU100).
- Metal holders can be mounted on all versions of actuators and indicators, with the exception of ID key-operated switches.
- Universal holders can be mounted on actuators and indicators made of plastic or metal.
- All metal and universal holders are inherently grounded by their fastening screw. A grounding screw can also be fitted (see page 13/141).

**Selection and ordering data**

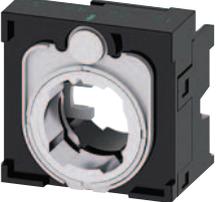
Multi-unit packaging, see page 13/17.

Version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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**Holders without module for plastic**

<b>3x without module</b>		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		<b>3SU1500-0AA10-0AA0</b>		1	5 units	41J

3SU1500-0AA10-0AA0

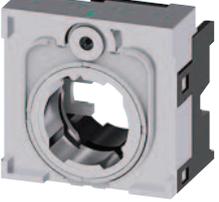
<b>4x without module</b>		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	For selector switches with 4 switch positions and for coordinate switches	<b>3SU1500-0BA10-0AA0</b>		1	1 unit	41J

3SU1500-0BA10-0AA0

**Holders without module for metal**

<b>3x without module</b>		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		<b>3SU1510-0AA10-0AA0</b>		1	5 units	41J

3SU1510-0AA10-0AA0

<b>4x without module</b>		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	For selector switches with 4 switch positions and for coordinate switches	<b>3SU1550-0BA10-0AA0</b>		1	1 unit	41J

3SU1550-0BA10-0AA0

**Holders without module, universal for plastic and metal**

<b>3x without module</b>		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		<b>3SU1550-0AA10-0AA0</b>		1	5 units	41J

3SU1550-0AA10-0AA0

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Holders



### Holders with module

#### Overview

- Plastic holders are mounted on actuators and indicators made of plastic (3SU100).
- Metal holders can be mounted on all versions of actuators and indicators, with the exception of ID key-operated switches.
- Universal holders can be mounted on actuators and indicators made of plastic or metal.
- All metal and universal holders are inherently grounded by their fastening screw. A grounding screw can also be fitted (see page 13/141).

#### Selection and ordering data

Number of contact modules	LED modules	NO contacts	NC contacts	Color of light source	Screw terminals	PU (UNIT, SET, M)	PS*	PG

#### Holders with module for plastic

##### 3x with module



3SU1500-1AA10-1BA0

1	0	1	0	--	⊕	1	1 unit	41J			
		0	1	⊕	3SU1500-1AA10-1CA0				1	1 unit	41J
		1	1	⊕	3SU1500-1AA10-1FA0				1	1 unit	41J
2	0	2	0	--	⊕	1	1 unit	41J			
		0	2	⊕	3SU1500-1AA10-1NA0				1	1 unit	41J
		2	2	⊕	3SU1500-1AA10-1LA0				1	1 unit	41J

##### 3x with contact and LED module<sup>1)</sup> (6 ... 24 V AC/DC)



3SU1501-1AG20-1CA0

1	1	1	0	Amber	⊕	1	1 unit	41J				
				Red	⊕				3SU1501-1AG20-1BA0	1	1 unit	41J
				Yellow	⊕				3SU1501-1AG30-1BA0	1	1 unit	41J
				Green	⊕				3SU1501-1AG40-1BA0	1	1 unit	41J
				Blue	⊕				3SU1501-1AG50-1BA0	1	1 unit	41J
				White	⊕				3SU1501-1AG60-1BA0	1	1 unit	41J
				0	1				1	0	Amber	⊕
Red	⊕	3SU1501-1AG20-1CA0	1			1 unit	41J					
Yellow	⊕	3SU1501-1AG30-1CA0	1			1 unit	41J					
Green	⊕	3SU1501-1AG40-1CA0	1			1 unit	41J					
Blue	⊕	3SU1501-1AG50-1CA0	1			1 unit	41J					
White	⊕	3SU1501-1AG60-1CA0	1			1 unit	41J					
1	1	1	0			Amber	⊕	1			1 unit	41J
				Red	⊕	3SU1501-1AG20-1FA0	1		1 unit	41J		
				Yellow	⊕	3SU1501-1AG30-1FA0	1		1 unit	41J		
				Green	⊕	3SU1501-1AG40-1FA0	1		1 unit	41J		
				Blue	⊕	3SU1501-1AG50-1FA0	1		1 unit	41J		
				White	⊕	3SU1501-1AG60-1FA0	1		1 unit	41J		
				2	1	2	0		Amber	⊕		
Red	⊕	3SU1501-1AG20-1NA0	1					1 unit	41J			
Yellow	⊕	3SU1501-1AG30-1NA0	1					1 unit	41J			
Green	⊕	3SU1501-1AG40-1NA0	1					1 unit	41J			
Blue	⊕	3SU1501-1AG50-1NA0	1					1 unit	41J			
White	⊕	3SU1501-1AG60-1NA0	1					1 unit	41J			
2	2	2	2					Amber	⊕	1	1 unit	41J
				Red	⊕	3SU1501-1AG20-1LA0	1	1 unit	41J			
				Yellow	⊕	3SU1501-1AG30-1LA0	1	1 unit	41J			
				Green	⊕	3SU1501-1AG40-1LA0	1	1 unit	41J			
				Blue	⊕	3SU1501-1AG50-1LA0	1	1 unit	41J			
				White	⊕	3SU1501-1AG60-1LA0	1	1 unit	41J			



3SU1501-1AG20-1LA0

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



<sup>1)</sup> Only for use with SIRIUS commanding and signaling devices.

Number of contact modules	LED modules	NO contacts	NC contacts	Color of light source	Screw terminals 	PU (UNIT, SET, M)	PS*	PG

## Holders with module for metal



3SU1510-1AA10-1BA0

**3x with module**

1	0	1	0	--		<b>3SU1510-1AA10-1BA0</b>	1	1 unit	41J
		0	1	--		<b>3SU1510-1AA10-1CA0</b>	1	1 unit	41J
		1	1	--		<b>3SU1510-1AA10-1FA0</b>	1	1 unit	41J
2	0	2	0	--		<b>3SU1510-1AA10-1NA0</b>	1	1 unit	41J
		0	2	--		<b>3SU1510-1AA10-1PA0</b>	1	1 unit	41J
		2	2	--		<b>3SU1510-1AA10-1LA0</b>	1	1 unit	41J
2	0	2	0	--		Spring-loaded terminals 			
						<b>3SU1510-1AA10-3NA0</b>	1	1 unit	41J
						<b>3SU1510-1AA10-3MA0</b>	1	1 unit	41J

**3x with module and LED module (24 V AC/DC)**

0	1	0	0	Red		<b>3SU1511-1AB20-3AA0</b>	1	1 unit	41J
2	1	1	1	Red		<b>3SU1511-1AB20-3MA0</b>	1	1 unit	41J
				Yellow		<b>3SU1511-1AB30-3MA0</b>	1	1 unit	41J
				Green		<b>3SU1511-1AB40-3MA0</b>	1	1 unit	41J
				Blue		<b>3SU1511-1AB50-3MA0</b>	1	1 unit	41J
				White		<b>3SU1511-1AB60-3MA0</b>	1	1 unit	41J
				2	0	White		<b>3SU1511-1AB60-3NA0</b>	1
0	2	White		<b>3SU1511-1AB60-3PA0</b>	1	1 unit	41J		

 Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



Number of contact modules	LED modules	NO contacts	NC contacts	Color of light source	Screw terminals 	PU (UNIT, SET, M)	PS*	PG

## Holders with module, universal for plastic and metal



3SU1550-1AA10-1BA0

**3x with module**

1	0	1	0	--		<b>3SU1550-1AA10-1BA0</b>	1	1 unit	41J
		0	1	--		<b>3SU1550-1AA10-1CA0</b>	1	1 unit	41J
		1	1	--		<b>3SU1550-1AA10-1FA0</b>	1	1 unit	41J
2	0	2	0	--		<b>3SU1550-1AA10-1NA0</b>	1	1 unit	41J
		0	2	--		<b>3SU1550-1AA10-1PA0</b>	1	1 unit	41J
		2	2	--		<b>3SU1550-1AA10-1LA0</b>	1	1 unit	41J
2	0	2	0	--		Spring-loaded terminals 			
						<b>3SU1550-1AA10-3NA0</b>	1	1 unit	41J
						<b>3SU1550-1AA10-3MA0</b>	1	1 unit	41J

**3x with module and LED module (24 V AC/DC)**

0	1	0	0	Red		<b>3SU1551-1AB20-3AA0</b>	1	1 unit	41J
2	1	1	1	Red		<b>3SU1551-1AB20-3MA0</b>	1	1 unit	41J
				Yellow		<b>3SU1551-1AB30-3MA0</b>	1	1 unit	41J
				Green		<b>3SU1551-1AB40-3MA0</b>	1	1 unit	41J
				Blue		<b>3SU1551-1AB50-3MA0</b>	1	1 unit	41J
				White		<b>3SU1551-1AB60-3MA0</b>	1	1 unit	41J
				2	0	White		<b>3SU1551-1AB60-3NA0</b>	1
0	2	White		<b>3SU1551-1AB60-3PA0</b>	1	1 unit	41J		

 Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Modules



### Contact modules

#### Overview

The contact modules are fitted with slow-action contacts (NO contacts or NC contacts). These ensure a high contact reliability even with small voltages and currents, such as 5 V/1 mA. They are suitable for use in electronic as well as conventional controls. The contact pieces of the NC contacts are positively driven.

#### Mounting system

- Front plate mounting:  
The contact modules are mounted on the rear face of a holder.
- Base mounting:  
The contact modules are used in the 3SU18 enclosures and are snapped into the lower part of the enclosure.

#### Connection methods

The contact modules are available with:

- Screw terminals
- Spring-loaded terminals
- Socket terminals (THT) for PCB mounting

The terminal designations of the contact modules comply with EN 50013.

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Contact version	Number of NO contacts	NC contacts	Screw terminals	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		

#### Contact modules for front plate mounting

	Silver alloy	1	0		<b>3SU1400-1AA10-1BA0</b>	1	5 units	41J
		0	1		<b>3SU1400-1AA10-1CA0</b>	1	5 units	41J
		0	1 with installation supervision <sup>1)</sup>		<b>3SU1400-1AA10-1HA0</b>	1	1 unit	41J
		2	0		<b>3SU1400-1AA10-1DA0</b>	1	1 unit	41J
		0	2		<b>3SU1400-1AA10-1EA0</b>	1	1 unit	41J
		1	1		<b>3SU1400-1AA10-1FA0</b>	1	1 unit	41J
		1	1 leading lagging switching		<b>3SU1400-1AA10-1GA0</b>	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K. Can be used with 3SK safety relays, see page 11/1 onwards. Certificate:



<sup>1)</sup> The contact module has 1 NO internal contact + 1 NC internal contact. The NO contact is connected in series with the NC contact and brought out at terminal 1-2. When the module is snapped onto the holder, the NO contact closes. It opens when the module is detached from the holder again (the NC contact remains closed). The NC contact opens when the EMERGENCY-STOP device is actuated (the NO contact remains closed). The contact is closed only when both the NC and NO contacts are closed. Only suitable for installation in 3SU18 enclosure with one command point and in connection with the adapter 3SU1900-0JF10-0AA0.



# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Modules

#### Contact modules

Multi-unit packaging, see page 13/17.

Contact version	Number of		Screw terminals	PU (UNIT, SET, M)	PS*	PG	
	NO con-tacts	NC con-tacts					
			Article No.	Price per PU			
Gold-plated	1	0		<b>3SU1400-1AA10-1LA0</b>	1	1 unit	41J
	0	1		<b>3SU1400-1AA10-1MA0</b>	1	1 unit	41J
	2	0		<b>3SU1400-1AA10-1NA0</b>	1	1 unit	41J
	0	2		<b>3SU1400-1AA10-1PA0</b>	1	1 unit	41J
	1	1		<b>3SU1400-1AA10-1QA0</b>	1	1 unit	41J
	1 leading	1 lagging		<b>3SU1400-1AA10-1RA0</b>	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



# Commanding and signaling devices

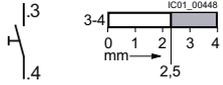
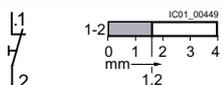
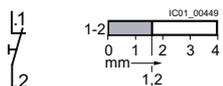
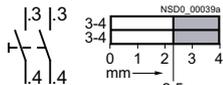
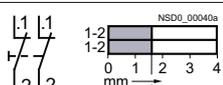
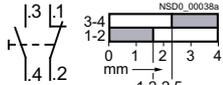
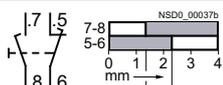
## SIRIUS ACT pushbuttons and indicator lights

### Modules



### Contact modules

Multi-unit packaging, see page 13/17.

Contact version	Number of		Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG		
	NO con-tacts	NC con-tacts						
			Article No.	Price per PU				
<b>Contact modules for front plate mounting (continued)</b>								
	Silver alloy	1	0		3SU1400-1AA10-3BA0	1	5 units	41J
		0	1			3SU1400-1AA10-3CA0	1	5 units
		0	1 with installation supervision <sup>1)</sup>		3SU1400-1AA10-3HA0	1	1 unit	41J
		2	0			3SU1400-1AA10-3DA0	1	1 unit
		0	2		3SU1400-1AA10-3EA0	1	1 unit	41J
		1	1			3SU1400-1AA10-3FA0	1	1 unit
		1 leading	1 lagging		3SU1400-1AA10-3GA0	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K. Can be used with 3SK safety relays, see page 11/1 onwards. Certificate:



<sup>1)</sup> The contact module has 1 NO internal contact + 1 NC internal contact. The NO contact is connected in series with the NC contact and brought out at terminal 1-2. When the module is snapped onto the holder, the NO contact closes. It opens when the module is detached from the holder again (the NC contact remains closed). The NC contact opens when the EMERGENCY-STOP device is actuated (the NO contact remains closed). The contact is closed only when both the NC and NO contacts are closed. Only suitable for installation in 3SU18 enclosure with one command point and in connection with the adapter 3SU1900-0JF10-0AA0.



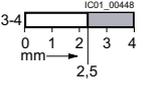
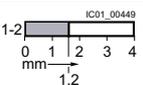
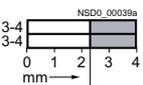
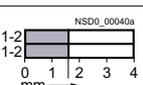
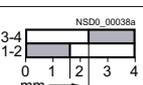
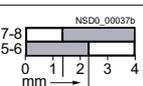
# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Modules

#### Contact modules

Multi-unit packaging, see page 13/17.

Contact version	Number of		Diagram	Spring-loaded terminals 	PU (UNIT, SET, M)	PS*	PG	
	NO contacts	NC contacts						
Contact modules for front plate mounting (continued)				Article No.	Price per PU			
 3SU1400-1AA10-3LA0	Gold-plated	1	0	 	3SU1400-1AA10-3LA0	1	1 unit	41J
		0	1	 	3SU1400-1AA10-3MA0	1	1 unit	41J
		2	0	 	3SU1400-1AA10-3NA0	1	1 unit	41J
		0	2	 	3SU1400-1AA10-3PA0	1	1 unit	41J
		1	1	 	3SU1400-1AA10-3QA0	1	1 unit	41J
		1 leading	1 lagging	 	3SU1400-1AA10-3RA0	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
 Can be used with 3SK safety relays, see page 11/1 onwards.  
 Certificate:



# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Modules



#### Contact modules

Multi-unit packaging, see page 13/17.

Contact version	Number of			Screw terminals	PU (UNIT, SET, M)	PS*	PG
	NO contacts	NC contacts					
				Article No.	Price per PU		

#### Contact modules for base mounting



3SU1400-2AA10-1BA0, 3SU1400-2AA10-1LA0

Silver alloy	1	0			<b>3SU1400-2AA10-1BA0</b>	1	5 units	41J
	0	1			<b>3SU1400-2AA10-1CA0</b>	1	5 units	41J
Gold-plated	1	0			<b>3SU1400-2AA10-1LA0</b>	1	1 unit	41J
	0	1			<b>3SU1400-2AA10-1MA0</b>	1	1 unit	41J



3SU1400-2AA10-3BA0, 3SU1400-2AA10-3LA0

				Spring-loaded terminals			PG	
Silver alloy	1	0			<b>3SU1400-2AA10-3BA0</b>	1	5 units	41J
	0	1			<b>3SU1400-2AA10-3CA0</b>	1	5 units	41J
Gold-plated	1	0			<b>3SU1400-2AA10-3LA0</b>	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



Multi-unit packaging, see page 13/17.

Contact version	Number of			Socket terminals (THT)	PU (UNIT, SET, M)	PS*	PG
	NO contacts	NC contacts					
				Article No.	Price per PU		

#### Contact modules for mounting on printed circuit boards



3SU1400-3AA10-5BA0

Silver alloy	1	0			<b>3SU1400-3AA10-5BA0</b>	1	1 unit	41J
	0	1			<b>3SU1400-3AA10-5CA0</b>	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



### Overview

#### LED modules

The commanding and signaling devices can be illuminated via LED modules with integrated LEDs.

#### Mounting system

- Front plate mounting:  
The LED modules are mounted on the rear face of a holder in the center position.
- Base mounting:  
The LED modules are used in the 3SU18 enclosures and are snapped into the lower part of the enclosure.

#### Connection methods

The LED modules are available with:

- Screw terminals
- Spring-loaded terminals
- Socket terminals (THT) for PCB mounting

The terminal designations of the LED modules comply with EN 50013.

#### LED test modules

The LED test modules are used to test the LED modules (AC/DC versions). One LED module is connected to each test module for testing, see page 13/88.

### Selection and ordering data

Multi-unit packaging, see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		
<b>LED modules<sup>1)</sup> for front plate mounting</b>						
24	24	Amber	3SU1401-1BB00-1AA0	1	5 units	41J
		Red	3SU1401-1BB20-1AA0	1	5 units	41J
		Yellow	3SU1401-1BB30-1AA0	1	5 units	41J
		Green	3SU1401-1BB40-1AA0	1	5 units	41J
		Blue	3SU1401-1BB50-1AA0	1	5 units	41J
		White	3SU1401-1BB60-1AA0	1	5 units	41J
		Red/yellow/green <sup>2)</sup>	3SU1401-1BB24-1AA0	1	1 unit	41J
		110	--	Amber	3SU1401-1BC00-1AA0	1
Red	3SU1401-1BC20-1AA0			1	1 unit	41J
Yellow	3SU1401-1BC30-1AA0			1	1 unit	41J
Green	3SU1401-1BC40-1AA0			1	1 unit	41J
Blue	3SU1401-1BC50-1AA0			1	1 unit	41J
White	3SU1401-1BC60-1AA0			1	1 unit	41J
Red/yellow/green <sup>2)</sup>	3SU1401-1BC24-1AA0			1	1 unit	41J
230	--			Amber	3SU1401-1BF00-1AA0	1
		Red	3SU1401-1BF20-1AA0	1	1 unit	41J
		Yellow	3SU1401-1BF30-1AA0	1	1 unit	41J
		Green	3SU1401-1BF40-1AA0	1	1 unit	41J
		Blue	3SU1401-1BF50-1AA0	1	1 unit	41J
		White	3SU1401-1BF60-1AA0	1	1 unit	41J
		Red/yellow/green <sup>2)</sup>	3SU1401-1BF24-1AA0	1	1 unit	41J
		6 ... 24	6 ... 24	Amber	3SU1401-1BG00-1AA0	1
Red	3SU1401-1BG20-1AA0			1	1 unit	41J
Yellow	3SU1401-1BG30-1AA0			1	1 unit	41J
Green	3SU1401-1BG40-1AA0			1	1 unit	41J
Blue	3SU1401-1BG50-1AA0			1	1 unit	41J
White	3SU1401-1BG60-1AA0			1	1 unit	41J
Red/yellow/green <sup>2)</sup>	3SU1401-1BG24-1AA0			1	1 unit	41J
24 ... 240	24 ... 240			Amber	3SU1401-1BH00-1AA0	1
		Red	3SU1401-1BH20-1AA0	1	1 unit	41J
		Yellow	3SU1401-1BH30-1AA0	1	1 unit	41J
		Green	3SU1401-1BH40-1AA0	1	1 unit	41J
		Blue	3SU1401-1BH50-1AA0	1	1 unit	41J
		White	3SU1401-1BH60-1AA0	1	1 unit	41J

<sup>1)</sup> Only for use with SIRIUS commanding and signaling devices.

<sup>2)</sup> When the LED module is installed in a 3SU18 enclosure, this can only be done in an enclosure with a 3SU18.1 command point and in conjunction with the 3SU1900-0JF10-0AA0 adapter between the upper and lower parts of the enclosure.

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Modules



#### LED modules

Multi-unit packaging,  
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		
<b>LED modules<sup>1)</sup> for front plate mounting (continued)</b>						
24	24	Amber	3SU1401-1BB00-3AA0	1	5 units	41J
		Red	3SU1401-1BB20-3AA0	1	5 units	41J
		Yellow	3SU1401-1BB30-3AA0	1	5 units	41J
		Green	3SU1401-1BB40-3AA0	1	5 units	41J
		Blue	3SU1401-1BB50-3AA0	1	5 units	41J
		White	3SU1401-1BB60-3AA0	1	5 units	41J
		Red/yellow/green	3SU1401-1BB24-3AA0	1	1 unit	41J
110	--	Amber	3SU1401-1BC00-3AA0	1	1 unit	41J
		Red	3SU1401-1BC20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BC30-3AA0	1	1 unit	41J
		Green	3SU1401-1BC40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BC50-3AA0	1	1 unit	41J
		White	3SU1401-1BC60-3AA0	1	1 unit	41J
		Red/yellow/green	3SU1401-1BC24-3AA0	1	1 unit	41J
230	--	Amber	3SU1401-1BF00-3AA0	1	1 unit	41J
		Red	3SU1401-1BF20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BF30-3AA0	1	1 unit	41J
		Green	3SU1401-1BF40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BF50-3AA0	1	1 unit	41J
		White	3SU1401-1BF60-3AA0	1	1 unit	41J
		Red/yellow/green	3SU1401-1BF24-3AA0	1	1 unit	41J
6 ... 24	6 ... 24	Amber	3SU1401-1BG00-3AA0	1	1 unit	41J
		Red	3SU1401-1BG20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BG30-3AA0	1	1 unit	41J
		Green	3SU1401-1BG40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BG50-3AA0	1	1 unit	41J
		White	3SU1401-1BG60-3AA0	1	1 unit	41J
		Red/yellow/green	3SU1401-1BG24-3AA0	1	1 unit	41J
24 ... 240	24 ... 240	Amber	3SU1401-1BH00-3AA0	1	1 unit	41J
		Red	3SU1401-1BH20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BH30-3AA0	1	1 unit	41J
		Green	3SU1401-1BH40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BH50-3AA0	1	1 unit	41J
		White	3SU1401-1BH60-3AA0	1	1 unit	41J

<sup>1)</sup> Only for use with SIRIUS commanding and signaling devices.

Multi-unit packaging,  
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		
<b>LED modules for front plate mounting: ATEX Zone 1-2: Intrinsic safety</b>						
24	24	Amber	3SU1401-1BB00-1AA2	1	1 unit	41J
		Red	3SU1401-1BB20-1AA2	1	1 unit	41J
		Yellow	3SU1401-1BB30-1AA2	1	1 unit	41J
		Green	3SU1401-1BB40-1AA2	1	1 unit	41J
		Blue	3SU1401-1BB50-1AA2	1	1 unit	41J
		White	3SU1401-1BB60-1AA2	1	1 unit	41J
24	24	Amber	3SU1401-1BB00-3AA2	1	1 unit	41J
		Red	3SU1401-1BB20-3AA2	1	1 unit	41J
		Yellow	3SU1401-1BB30-3AA2	1	1 unit	41J
		Green	3SU1401-1BB40-3AA2	1	1 unit	41J
		Blue	3SU1401-1BB50-3AA2	1	1 unit	41J
		White	3SU1401-1BB60-3AA2	1	1 unit	41J

3SU1401-1BB00-1AA2

3SU1401-1BB20-3AA2

Multi-unit packaging,  
see page 13/17.

	Operational voltage at AC	Operational voltage at DC	Color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	V	V		Article No.			
<b>LED modules<sup>1)</sup> for base mounting</b>							
 3SU1401-2BB60-1AA0	24	24	Amber	3SU1401-2BB00-1AA0	1	5 units	41J
			Red	3SU1401-2BB20-1AA0	1	5 units	41J
			Yellow	3SU1401-2BB30-1AA0	1	5 units	41J
			Green	3SU1401-2BB40-1AA0	1	5 units	41J
			Blue	3SU1401-2BB50-1AA0	1	5 units	41J
			White	3SU1401-2BB60-1AA0	1	5 units	41J
	110	--	Amber	3SU1401-2BC00-1AA0	1	1 unit	41J
			Red	3SU1401-2BC20-1AA0	1	1 unit	41J
			Yellow	3SU1401-2BC30-1AA0	1	1 unit	41J
			Green	3SU1401-2BC40-1AA0	1	1 unit	41J
			Blue	3SU1401-2BC50-1AA0	1	1 unit	41J
			White	3SU1401-2BC60-1AA0	1	1 unit	41J
	230	--	Amber	3SU1401-2BF00-1AA0	1	1 unit	41J
			Red	3SU1401-2BF20-1AA0	1	1 unit	41J
			Yellow	3SU1401-2BF30-1AA0	1	1 unit	41J
Green			3SU1401-2BF40-1AA0	1	1 unit	41J	
Blue			3SU1401-2BF50-1AA0	1	1 unit	41J	
White			3SU1401-2BF60-1AA0	1	1 unit	41J	
6 ... 24	6 ... 24	Amber	3SU1401-2BG00-1AA0	1	1 unit	41J	
		Red	3SU1401-2BG20-1AA0	1	1 unit	41J	
		Yellow	3SU1401-2BG30-1AA0	1	1 unit	41J	
		Green	3SU1401-2BG40-1AA0	1	1 unit	41J	
		Blue	3SU1401-2BG50-1AA0	1	1 unit	41J	
		White	3SU1401-2BG60-1AA0	1	1 unit	41J	
24 ... 240	24 ... 240	Amber	3SU1401-2BH00-1AA0	1	1 unit	41J	
		Red	3SU1401-2BH20-1AA0	1	1 unit	41J	
		Yellow	3SU1401-2BH30-1AA0	1	1 unit	41J	
		Green	3SU1401-2BH40-1AA0	1	1 unit	41J	
		Blue	3SU1401-2BH50-1AA0	1	1 unit	41J	
		White	3SU1401-2BH60-1AA0	1	1 unit	41J	
 3SU1401-2BB20-3AA0	24	24	Amber	3SU1401-2BB00-3AA0	1	5 units	41J
			Red	3SU1401-2BB20-3AA0	1	5 units	41J
			Yellow	3SU1401-2BB30-3AA0	1	5 units	41J
			Green	3SU1401-2BB40-3AA0	1	5 units	41J
			Blue	3SU1401-2BB50-3AA0	1	5 units	41J
			White	3SU1401-2BB60-3AA0	1	5 units	41J
	110	--	Amber	3SU1401-2BC00-3AA0	1	1 unit	41J
			Red	3SU1401-2BC20-3AA0	1	1 unit	41J
			Yellow	3SU1401-2BC30-3AA0	1	1 unit	41J
			Green	3SU1401-2BC40-3AA0	1	1 unit	41J
			Blue	3SU1401-2BC50-3AA0	1	1 unit	41J
			White	3SU1401-2BC60-3AA0	1	1 unit	41J
	230	--	Amber	3SU1401-2BF00-3AA0	1	1 unit	41J
			Red	3SU1401-2BF20-3AA0	1	1 unit	41J
			Yellow	3SU1401-2BF30-3AA0	1	1 unit	41J
Green			3SU1401-2BF40-3AA0	1	1 unit	41J	
Blue			3SU1401-2BF50-3AA0	1	1 unit	41J	
White			3SU1401-2BF60-3AA0	1	1 unit	41J	
6 ... 24	6 ... 24	Amber	3SU1401-2BG00-3AA0	1	1 unit	41J	
		Red	3SU1401-2BG20-3AA0	1	1 unit	41J	
		Yellow	3SU1401-2BG30-3AA0	1	1 unit	41J	
		Green	3SU1401-2BG40-3AA0	1	1 unit	41J	
		Blue	3SU1401-2BG50-3AA0	1	1 unit	41J	
		White	3SU1401-2BG60-3AA0	1	1 unit	41J	
24 ... 240	24 ... 240	Amber	3SU1401-2BH00-3AA0	1	1 unit	41J	
		Red	3SU1401-2BH20-3AA0	1	1 unit	41J	
		Yellow	3SU1401-2BH30-3AA0	1	1 unit	41J	
		Green	3SU1401-2BH40-3AA0	1	1 unit	41J	
		Blue	3SU1401-2BH50-3AA0	1	1 unit	41J	
		White	3SU1401-2BH60-3AA0	1	1 unit	41J	

<sup>1)</sup> Only for use with SIRIUS commanding and signaling devices.

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Modules



#### LED modules

Multi-unit packaging, see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		

#### LED modules for base mounting: ATEX Zone 1-2: Intrinsic safety

	24	24	Amber	<b>3SU1401-2BB00-1AA2</b>	1	1 unit	41J
			Red	<b>3SU1401-2BB20-1AA2</b>	1	1 unit	41J
			Yellow	<b>3SU1401-2BB30-1AA2</b>	1	1 unit	41J
			Green	<b>3SU1401-2BB40-1AA2</b>	1	1 unit	41J
			Blue	<b>3SU1401-2BB50-1AA2</b>	1	1 unit	41J
			White	<b>3SU1401-2BB60-1AA2</b>	1	1 unit	41J

3SU1401-2BB00-1AA2

Operational voltage at AC	Operational voltage at DC	Color	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		

	24	24	Amber	<b>3SU1401-2BB00-3AA2</b>	1	1 unit	41J
			Red	<b>3SU1401-2BB20-3AA2</b>	1	1 unit	41J
			Yellow	<b>3SU1401-2BB30-3AA2</b>	1	1 unit	41J
			Green	<b>3SU1401-2BB40-3AA2</b>	1	1 unit	41J
			Blue	<b>3SU1401-2BB50-3AA2</b>	1	1 unit	41J
			White	<b>3SU1401-2BB60-3AA2</b>	1	1 unit	41J

3SU1401-2BB00-3AA2

Multi-unit packaging, see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Socket terminals (THT)	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		

#### LED modules<sup>1)</sup> for mounting on printed circuit boards

	--	5	Amber	<b>3SU1401-3BA00-5AA0</b>	1	1 unit	41J
			Red	<b>3SU1401-3BA20-5AA0</b>	1	1 unit	41J
			Yellow	<b>3SU1401-3BA30-5AA0</b>	1	1 unit	41J
			Green	<b>3SU1401-3BA40-5AA0</b>	1	1 unit	41J
			Blue	<b>3SU1401-3BA50-5AA0</b>	1	1 unit	41J
			White	<b>3SU1401-3BA60-5AA0</b>	1	1 unit	41J

3SU1401-3BA20-5AA0

<sup>1)</sup> Only for use with SIRIUS commanding and signaling devices.

Multi-unit packaging, see page 13/17.

Operational voltage at AC	Operational voltage at DC	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V	Article No.	Price per PU		

#### LED test modules<sup>1)</sup> for front plate mounting

6 ... 240	6 ... 240	<b>3SU1400-1CK10-1AA0</b>	1	1 unit	41J
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3SU1400-1CK10-1AA0

#### LED test modules<sup>1)</sup> for base mounting

6 ... 240	6 ... 240	<b>3SU1400-2CK10-1AA0</b>	1	1 unit	41J
-----------	-----------	---------------------------	---	--------	-----

3SU1400-2CK10-1AA0

<sup>1)</sup> Only for use with SIRIUS ACT LED modules (6 to 24 V AC/DC, 24 V AC/DC, 24 to 240 V AC/DC).

### Overview

Pushbuttons and indicator lights of the SIRIUS ACT series can be connected to the AS-Interface communications system quickly, easily and reliably with the help of various solutions.

Using special modules, EMERGENCY-STOP devices according to ISO 13850 can be directly connected through the standard AS-Interface with safety-related communication.

The following solutions are available:

- AS-Interface modules
- AS-Interface modules in safety-related version for EMERGENCY-STOP mushroom pushbuttons according to ISO 13850

### Selection and ordering data

Operational voltage	Slave type	Number of digital inputs		Number of digital outputs	Screw terminals + Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
		standard	safety-related					
V					Article No.			Price per PU
<b>AS-Interface modules for front plate mounting</b>								
30	2 F-DI	--	2	--	<b>3SU1400-1EA10-2AA0</b>	1	1 unit	41J
	2 F-DI + 1 LED	--	2	1	<b>3SU1401-1EE20-2AA0</b>	1	1 unit	41J
	2 F-DI + 1 DQ	--	2	1	<b>3SU1400-1EC10-2AA0</b>	1	1 unit	41J
								
3SU1400-1EC10-2AA0								
30	2 F-DI	--	2	--	<b>Insulation piercing method</b>	1	1 unit	41J
	2 F-DI + 1 LED	--	2	1	<b>3SU1400-1EA10-4AA0</b>	1	1 unit	41J
					<b>3SU1401-1EE20-4AA0</b>	1	1 unit	41J
								
3SU1400-1EA10-4AA0								
30	2 F-DI + 1 DQ	--	2	1	<b>Spring-loaded terminals + Insulation piercing method</b>	1	1 unit	41J
					<b>3SU1400-1EC10-4AA0</b>	1	1 unit	41J
								
3SU1400-1EC10-4AA0								
30	4 DI/3 DO AB	4	--	3	<b>Spring-loaded terminals (push-in)</b>	1	1 unit	41J
	4 DI/4 DO	4	--	4	<b>3SU1400-1EJ10-6AA0</b>	1	1 unit	41J
								
3SU1400-1EJ10-6AA0								
<b>AS-Interface modules for base mounting</b>								
30	4 DI/3 DQ AB	4	0	3	<b>3SU1400-2EJ10-6AA0</b>	1	1 unit	41J
	4 DI/4 DQ	4	0	4	<b>3SU1400-2EK10-6AA0</b>	1	1 unit	41J
	2 F-DI	0	2	0	<b>3SU1400-2EA10-6AA0</b>	1	1 unit	41J
	2 F-DI + 1 LED, red	0	2	1 for controlling the LEDs	<b>3SU1401-2EE20-6AA0</b>	1	1 unit	41J
	2 F-DI + 1 LED, white	0	2	1 for controlling the LEDs	<b>3SU1401-2EE60-6AA0</b>	1	1 unit	41J
								
3SU1400-2EJ10-6AA0								

Replacement connectors, see page 13/140.

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



### Electronic modules for IO-Link

#### Overview

The SIRIUS ACT pushbuttons and indicator lights can be connected to IO-Link quickly and safely. The connection is made via the electronic module for IO-Link.

#### Selection and ordering data

Operational voltage	Slave type	Number of digital inputs	Number of digital outputs	Spring-loaded terminals (push-in)	PU (UNIT, SET, M)	PS*	PG
V				Article No.	Price per PU		
<b>Electronic modules for IO-Link, for front plate mounting</b>							
	24	Freely programmable (default 6 DI/2 DQ)	0 ... 8	0 ... 8	<b>3SU1400-1HL10-6AA0</b>	1	1 unit 41J
<b>Electronic modules for IO-Link, for base mounting</b>							
	24	Freely programmable (default 6 DI/2 DQ)	0 ... 8	0 ... 8	<b>3SU1400-2HL10-6AA0</b>	1	1 unit 41J

Replacement connectors, [see page 13/140](#).

#### Overview

The SIRIUS ACT ID key-operated switches can be used to set up authorization management systems for your machine/plant to identify persons.

The ID key-operated switch is fixed with the holder on the front panel and the electronic module is mounted on the back. The ID keys can be ordered as accessories. Complete range, see page 13/12.

The electronic modules for ID key-operated switches can be ordered with and without IO-Link. The version with IO-Link can be easily programmed using function blocks.

#### Benefits

##### Advantages:

- Easy installation on the standard holder without special tools
- The status of the operating modes can be queried via physical outputs or via the process image.

#### Selection and ordering data

Type of power supply via IO-Link master	Protocol is supported, IO-Link protocol	Number of NO contacts	IO-Link transfer rate	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		
--	No	5	--	<b>3SU1400-1GC10-1AA0</b>	1	1 unit	41J
Yes	Yes	5	COM2 (38.4 kBaud)	<b>3SU1400-1GD10-1AA0</b>	1	1 unit	41J

#### Electronic modules for ID key-operated switches<sup>1)</sup>



3SU1400-1GC10-1AA0



3SU1400-1GD10-1AA0

<sup>1)</sup> Only use in conjunction with 3SU1500-0AA10-0AA0 plastic holder or 3SU1550-0AA10-0AA0 universal holder.

ID key-operated switches, see pages 13/45 and 13/69.

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Modules



## Modules for PROFINET

### Overview

#### Interface modules

Interface modules are used to establish communication between the controller and the SIRIUS ACT system. They feature an RJ45 socket, to which the PROFINET cable can be connected.

Thanks to the integrated PROFIsafe communication with fail-safe interface modules, an EMERGENCY-STOP mushroom pushbutton, for example, can be integrated in a fail-safe manner, thus achieving a safety category up to SIL 3/PL e.

The LED module can be integrated into the interface module to illuminate a commanding device, e.g. the EMERGENCY-STOP mushroom pushbutton.

If a defect develops on the interface module, it can be replaced without using a programming device thanks to the exchangeable memory module (supplied as standard with fail-safe interface module).

#### Terminal modules

With terminal modules, SIRIUS ACT commanding and signaling devices are simply connected to the interface module or other terminal modules using a 7-core flat ribbon cable, without the need for special tools. The terminal modules are mounted on the 3-fold holder of the SIRIUS ACT device series.

By combining terminal and interface modules, a SIRIUS ACT system with up to 21 devices can be set up.

For a complete overview of SIRIUS ACT with PROFINET, see page 13/11.

### Selection and ordering data

Supply voltage at DC	Number of interfaces according to PROFINET/Safety Integrity Level (SIL) according to IEC 62061	Number of digital inputs	Number of digital outputs	Number of analog inputs	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V									

#### Interface modules for PROFINET

##### Interface modules



3SU1400-1LK10-1AA1

24	1/--	0	0	0					
24	1/--	4	1	1					

##### Screw terminals



3SU1400-1LK10-1AA1	1	1 unit	41J
3SU1400-1LK10-1BA1	1	1 unit	41J

##### Spring-loaded terminals



3SU1400-1LK10-3AA1	1	1 unit	41J
3SU1400-1LK10-3BA1	1	1 unit	41J

##### Fail-safe interface modules



3SU1400-1LL10-3BA1

24	1/SIL 3	4	1	1					
24	1/SIL 3	4	1	1					

##### Screw terminals



3SU1400-1LL10-1BA1	1	1 unit	41J
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##### Spring-loaded terminals



3SU1400-1LL10-3BA1	1	1 unit	41J
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Product version	Color of light source	Insulation displacement connection	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG

#### Terminal modules for PROFINET



3SU1401-1ME60-1DA1

With 2 contacts	--		3SU1400-1MA10-1BA1	1	1 unit	41J
With 2 contacts and integrated LED	Amber		3SU1401-1MC00-1CA1	1	1 unit	41J
	Red		3SU1401-1MC20-1CA1	1	1 unit	41J
	Yellow		3SU1401-1MC30-1CA1	1	1 unit	41J
	Green		3SU1401-1MC40-1CA1	1	1 unit	41J
	Blue		3SU1401-1MC50-1CA1	1	1 unit	41J
	White		3SU1401-1MC60-1CA1	1	1 unit	41J
With integrated LED	Amber		3SU1401-1ME00-1DA1	1	1 unit	41J
	Red		3SU1401-1ME20-1DA1	1	1 unit	41J
	Yellow		3SU1401-1ME30-1DA1	1	1 unit	41J
	Green		3SU1401-1ME40-1DA1	1	1 unit	41J
	Blue		3SU1401-1ME50-1DA1	1	1 unit	41J
	White		3SU1401-1ME60-1DA1	1	1 unit	41J

**Accessories**

Multi-unit packaging, see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Socket terminals (THT)	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		

**LED modules for PROFINET interface modules**



3SU1401-3BA20-5AA0

--	5	Amber	<b>3SU1401-3BA00-5AA0</b>	1	1 unit	41J
		Red	<b>3SU1401-3BA20-5AA0</b>	1	1 unit	41J
		Yellow	<b>3SU1401-3BA30-5AA0</b>	1	1 unit	41J
		Green	<b>3SU1401-3BA40-5AA0</b>	1	1 unit	41J
		Blue	<b>3SU1401-3BA50-5AA0</b>	1	1 unit	41J
		White	<b>3SU1401-3BA60-5AA0</b>	1	1 unit	41J

Product version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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**Memory modules for PROFINET interface modules**



3RK3931-0AA00

For backing up the complete parameterization of the safety system without a PC/PG through the system interface	<b>3RK3931-0AA00</b>		1	1 unit	42C
--	----------------------	--	---	--------	-----

Flat ribbon cables, see page 13/141.

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



### Support terminals

#### Overview

##### Support terminals

The support terminals serve to collect electrical conductors, e.g. for all neutral conductors, in one enclosure. Up to four conductors, belonging to the same group, can be secured on one support terminal.

##### Mounting

- Front plate mounting:  
Support terminals for front plate mounting are installed on the rear face of a holder.
- Base mounting:  
The support terminals are used in 3SU18 enclosures and can be mounted at any placement position in the enclosure.

##### Connection methods

- Screw terminals
- Spring-loaded terminals

#### Selection and ordering data

Color		Screw terminals	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
<b>Support terminals for front plate mounting</b>					
 3SU1400-1DA10-1AA0	Black	3SU1400-1DA10-1AA0	1	1 unit	41J
	Blue	3SU1400-1DA50-1AA0	1	1 unit	41J
	Green/yellow	3SU1400-1DA43-1AA0	1	1 unit	41J
 3SU1400-1DA50-3AA0	Black	3SU1400-1DA10-3AA0	1	1 unit	41J
	Blue	3SU1400-1DA50-3AA0	1	1 unit	41J
	Green/yellow	3SU1400-1DA43-3AA0	1	1 unit	41J
<b>Support terminals for base mounting</b>					
 3SU1400-2DA10-1AA0	Black	3SU1400-2DA10-1AA0	1	1 unit	41J
	Blue	3SU1400-2DA50-1AA0	1	1 unit	41J
	Green/yellow	3SU1400-2DA43-1AA0	1	1 unit	41J
 3SU1400-2DA50-3AA0	Black	3SU1400-2DA10-3AA0	1	1 unit	41J
	Blue	3SU1400-2DA50-3AA0	1	1 unit	41J
	Green/yellow	3SU1400-2DA43-3AA0	1	1 unit	41J

## Overview

### Pushbuttons and indicator lights in the enclosure



Enclosures with standard fittings

Enclosed SIRIUS ACT pushbuttons and indicator lights are used as hand-operated command devices for separately allocated control units and cabinets. The devices are suitable for use in any climate and have degree of protection IP66, IP67, IP69 (IP69K), including those with cable glands.

#### Standards

IEC 60947-5-1

#### Versions

The enclosed pushbuttons and indicator lights are available with conventional controls as well as for connection to AS-Interface. The following versions are available:

- Empty enclosures with 1 to 6 command points. The installed components must be ordered separately; modules for base mounting or 1-pole contact and LED modules for front plate mounting can be used, [see page 13/80 onwards](#).
- Enclosures with standard fittings with 1 to 3 command points, e.g. EMERGENCY-STOP enclosure with EMERGENCY-STOP mushroom pushbutton
- Enclosures with customized fittings with 1 to 6 command points
- Special enclosure for selector switches (4 switch positions), coordinate switches and ID key-operated switches

#### Color of the enclosures

Top:

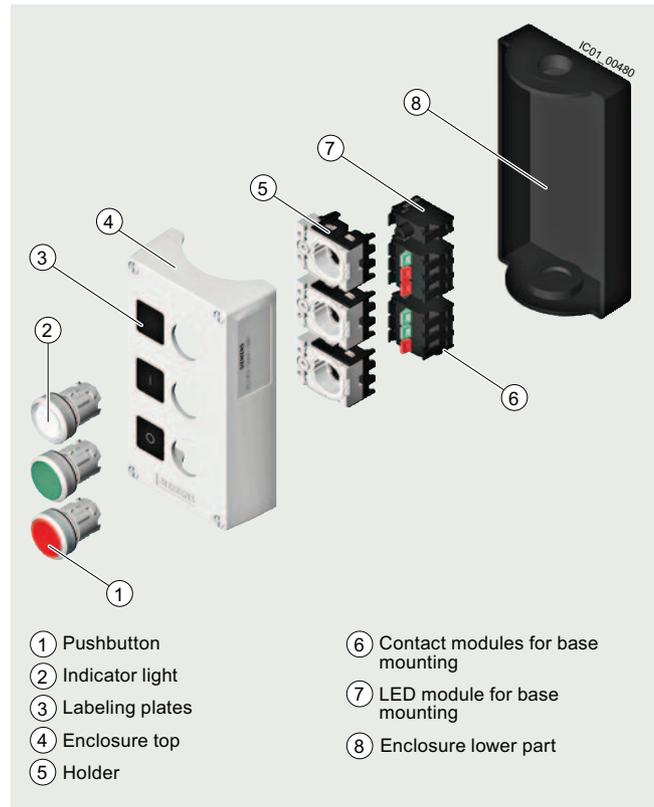
- Gray, RAL 7035
- Pantone yellow C, for EMERGENCY STOP

Base:

- Black, RAL 9005

## Application

The enclosures are climate-proof (KTW 24) according to ISO 6270-2 and are suitable for stationary use, and for use in marine applications.



Setup of the pushbuttons and indicator lights in the enclosure

#### Customized enclosures

The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected, [see www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator).

It is also possible to create a combination of two enclosures using connectors.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

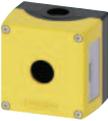
#### Empty enclosures

#### Selection and ordering data

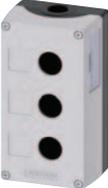
Color of enclosure top	Number of command points	Enclosure version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Enclosures for surface mounting

##### Plastic

	Yellow	1	Center command point	<b>3SU1801-0AA00-0AA2</b>		1	1 unit	41J	
			With protective collar	<b>3SU1801-0AA00-0AC2</b>		1	1 unit	41J	
			With recess for labeling plate	<b>3SU1801-0AA00-0AB2</b>		1	1 unit	41J	
3SU1801-0AA00-0AA2		2	With recess for labeling plate	<b>3SU1802-0AA00-0AB2</b>		1	1 unit	41J	
			Gray	1	With recess for labeling plate	<b>3SU1801-0AA00-0AB1</b>		1	1 unit
	Gray	2	With recess for labeling plate	<b>3SU1802-0AA00-0AB1</b>		1	1 unit	41J	
			3	With recess for labeling plate	<b>3SU1803-0AA00-0AB1</b>		1	1 unit	41J
			4	With recess for labeling plate	<b>3SU1804-0AA00-0AB1</b>		1	1 unit	41J
			6	With recess for labeling plate	<b>3SU1806-0AA00-0AB1</b>		1	1 unit	41J
				3SU1802-0AA00-0AB1					

##### Metal

	Yellow	1	Center command point	<b>3SU1851-0AA00-0AA2</b>		1	1 unit	41J
			With protective collar	<b>3SU1851-0AA00-0AC2</b>		1	1 unit	41J
			With recess for labeling plate	<b>3SU1851-0AA00-0AB2</b>		1	1 unit	41J
			With protective collar for 5 padlocks, EMERGENCY-STOP mushroom 40 mm and EMERGENCY-STOP mushroom 40 mm with RONIS key-operated release	<b>3SU1851-0AA00-0AF2</b>		1	1 unit	41J
			With protective collar for 5 padlocks, EMERGENCY-STOP mushroom 40 mm with O.M.R., Siemens, C <sup>1)</sup> , and Siemens, B <sup>2)</sup> key-operated release	<b>3SU1851-0AA00-0AG2</b>		1	1 unit	41J
			With protective collar for 5 padlocks, mushroom 60 mm	<b>3SU1851-0AA00-0AH2</b>		1	1 unit	41J
			With protective collar for 5 padlocks, mushroom 60 mm, horizontal mounting	<b>3SU1851-0AA00-0AJ2</b>		1	1 unit	41J
	Gray	1	With protective collar for 5 padlocks, mushroom 60 mm	<b>3SU1851-0AA00-0AH1</b>		1	1 unit	41J
			With protective collar for 5 padlocks, mushroom 60 mm, horizontal mounting	<b>3SU1851-0AA00-0AJ1</b>		1	1 unit	41J
			With recess for labeling plate	<b>3SU1851-0AA00-0AB1</b>		1	1 unit	41J
3SU1851-0AA00-0AH1		2	With protective collar	<b>3SU1851-0AA00-0AC1</b>		1	1 unit	41J
			With recess for labeling plate	<b>3SU1852-0AA00-0AB1</b>		1	1 unit	41J
			3	With recess for labeling plate	<b>3SU1853-0AA00-0AB1</b>		1	1 unit
	Gray	2	With recess for labeling plate	<b>3SU1854-0AA00-0AB1</b>		1	1 unit	41J
			3	With recess for labeling plate	<b>3SU1853-0AA00-0AB1</b>		1	1 unit
3SU1853-0AA00-0AB1		4	With recess for labeling plate	<b>3SU1854-0AA00-0AB1</b>		1	1 unit	41J
			6	With recess for labeling plate	<b>3SU1856-0AA00-0AB1</b>		1	1 unit
	Gray	3	With recess for labeling plate	<b>3SU1854-0AA00-0AB1</b>		1	1 unit	41J
			6	With recess for labeling plate	<b>3SU1856-0AA00-0AB1</b>		1	1 unit
3SU1854-0AA00-0AB1								

#### Enclosures for selector switches (4 switch positions), coordinate switches and ID key-operated switches

##### Plastic, front plate mounting

Gray	1	Center command point	<b>3SU1801-1AA00-1AA1</b>		1	1 unit	41J
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##### Metal, front plate mounting

Gray	1	Center command point	<b>3SU1851-1AA00-1AA1</b>		1	1 unit	41J
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3SU1801-1AA00-1AA1

<sup>1)</sup> Siemens, C lock (compatible with CES locks).

<sup>2)</sup> Siemens, B lock (compatible with BKS locks).

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

#### Pushbuttons and indicator lights in the enclosure

#### Overview

Pushbuttons and indicator lights in the enclosure (standard fittings) are available with:

- 1 to 3 command points (equipped, for example, with A, B, C, in each case from bottom to top)
- Operational voltage up to 400 V
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators
- Contact modules and LED modules for base mounting (are snapped into the lower part of the enclosure); screw terminals as standard; some versions also with spring-loaded terminals

#### Palm pushbuttons

Palm pushbuttons have a particularly large button surface. This means that they can be actuated quickly and easily with the hand, arm or foot.

#### Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of NC contacts	Number of NO contacts	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
Article No.						Price per PU			

#### Enclosures with standard fittings

##### Plastic



3SU1801-0NA00-2AA2

Yellow	1	Center command point	A = Red	1	0	3SU1801-0NA00-2AA2	1	1 unit	41J				
		A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch		2	0					3SU1801-0NB00-2AA2	1	1 unit	41J
		A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch		1	1					3SU1801-0NP00-2AA2	1	1 unit	41J
		Center command point	A = Red	1	1	3SU1801-0NN00-2AA2	1	1 unit	41J				
		A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, with RONIS SB30 lock, key-operated release											
		With protective collar	A = Red	1	0	3SU1801-0NA00-2AC2	1	1 unit	41J				
		A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch		2	0					3SU1801-0NB00-2AC2	1	1 unit	41J
	2	With recess for labeling plate	A = Red/ B = Red	1	1	3SU1802-0NA00-2AB2	1	1 unit	41J				
		A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with RONIS SB30 lock, key-operated release, with positive latching according to ISO 13850, rotate to unlatch/ B = Indicator light 24 V AC/DC	A = EMERGENCY-STOP/ B = "Without inscription"										
		With recess for labeling plate	A = Red/ B = Red	2	1	3SU1802-0NB00-2AB2	1	1 unit	41J				
		A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch/ B = Indicator light 24 V AC/DC	A = "Without inscription"/ B = "Without inscription"										



3SU1801-0NA00-2AC2



3SU1802-0NA00-2AB2



3SU1802-0NB00-2AB2

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Enclosures

#### Pushbuttons and indicator lights in the enclosure

Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of		Screw terminals 	PU (UNIT, SET, M)	PS*	PG
				NC contacts	NO contacts				
						Article No.	Price per PU		

#### Enclosures with standard fittings

##### Plastic

 3SU1801-2NG00-2AA2	Yellow	1	Center command point A = EMERGENCY-STOP palm pushbutton with positive latching according to ISO 13850, pull to unlatch	A = Red	1	1	<b>3SU1801-2NG00-2AA2</b>	1	1 unit	41J
								<b>Spring-loaded terminals</b> 		
 3SU1801-0NE00-4AB2	Yellow	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red	2	1	<b>3SU1801-0NE00-4AB2</b>	1	1 unit	41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

#### Pushbuttons and indicator lights in the enclosure

Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of		Screw terminals 	PU (UNIT, SET, M)	PS*	PG
				NC contacts	NO contacts				
						Article No.	Price per PU		

#### Enclosures with standard fittings

##### Plastic

	Gray	1	With recess for labeling plate A = Pushbutton, momentary contact	A = Green	0	1	<b>3SU1801-0AB00-2AB1</b>	1	1 unit	41J	
				A = I							
				A = Red	1	0	<b>3SU1801-0AC00-2AB1</b>	1	1 unit	41J	
				A = O							
				A = White	0	1	<b>3SU1801-0AD00-2AB1</b>	1	1 unit	41J	
			A = I								
			A = Black	1	0	<b>3SU1801-0AE00-2AB1</b>	1	1 unit	41J		
			A = O								
						<b>Spring-loaded terminals</b> 					
	Gray	1	With recess for labeling plate A = Selector switch, momentary contact	• 3 switch positions	A = Black	0	2	<b>3SU1801-0BA00-4AB1</b>	1	1 unit	41J
				• 2 switch positions	A = Black	0	1	<b>3SU1801-0BE00-4AB1</b>	1	1 unit	41J
				With recess for labeling plate	A = Red	1	0	<b>3SU1801-0BC00-4AB1</b>	1	1 unit	41J
			A = Mushroom pushbutton, 30 mm, pull to unlatch								
	Gray	1	With recess for labeling plate A = Illuminated pushbutton, momentary contact	A = Clear	0	1	<b>3SU1801-0BD00-4AB1</b>	1	1 unit	41J	
				A = I							
	Gray	2	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact	A = Red/ B = Green	1	1	<b>3SU1802-0AB00-2AB1</b>	1	1 unit	41J	
				A = O/ B = I							
				A = Black/ B = Black	1	1	<b>3SU1802-0AC00-2AB1</b>	1	1 unit	41J	
	Gray	3	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Indicator light	A = Red/ B = Green/ C = Clear	1	1	<b>3SU1803-0AB00-2AB1</b>	1	1 unit	41J	
				A = O/ B = I/ C = "Without inscription"							
				A = Black/ B = White/ C = Clear	1	1	<b>3SU1803-0AC00-2AB1</b>	1	1 unit	41J	
			A = O/ B = I/ C = "Without inscription"								
	Gray	1	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Pushbutton, momentary contact	A = Red/ B = Black/ C = Black	1	2	<b>3SU1803-0AD00-2AB1</b>	1	1 unit	41J	
				A = O/ B = I/ C = I							
	Gray	1	Center command point A = Palm pushbutton, momentary-contact	A = Black	0	1	<b>3SU1801-2GA00-2AA1</b>	1	1 unit	41J	

\* You can order this quantity or a multiple thereof.  
Illustrations are approximate

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

### Pushbuttons and indicator lights in the enclosure

Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of		Screw terminals 	PU (UNIT, SET, M)	PS*	PG
				NC contacts	NO contacts				
						Article No.	Price per PU		
<b>Enclosures with standard fittings</b>									
<b>Metal</b>									
	Yellow	1	Center command point A = Red	1	0	<b>3SU1851-0NA00-2AA2</b> <b>3SU1851-0NB00-2AA2</b>	1	1 unit	41J
	Yellow	1	With protective collar A = Red	2	0	<b>3SU1851-0NA00-2AC2</b> <b>3SU1851-0NB00-2AC2</b> <b>3SU1851-0NC00-2AC2</b> <b>3SU1851-0ND00-2AC2</b>	1	1 unit	41J
				2 <sup>1)</sup>	0				
				2	1				
				2	1				
	Yellow	1	Center command point A = Red	1	1	<b>3SU1851-2NG00-2AA2</b>	1	1 unit	41J
	Gray	1	With recess for labeling plate A = Pushbutton, momentary contact	A = Green	0	<b>3SU1851-0AB00-2AB1</b> <b>3SU1851-0AC00-2AB1</b> <b>3SU1851-0AD00-2AB1</b> <b>3SU1851-0AE00-2AB1</b>	1	1 unit	41J
				A = I	1				
				A = Red	1				
				A = O	0				
	Gray	2	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact	A = Red/ B = Green	1	<b>3SU1852-0AB00-2AB1</b> <b>3SU1852-0AC00-2AB1</b>	1	1 unit	41J
				A = O/ B = I	1				
				A = Black/ B = White	1				
				A = O/ B = I	1				
	Gray	3	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Indicator light	A = Red/ B = Green/ C = Clear	1	<b>3SU1853-0AB00-2AB1</b> <b>3SU1853-0AD00-2AB1</b>	1	1 unit	41J
				A = O/ B = I/ C = "Without inscription"	1				
				A = Red/ B = Black/ C = Black	1				
				A = O/ B = I/ C = II	2				
	Gray	1	Center command point A = Palm pushbutton, momentary-contact	0	1	<b>3SU1851-2GA00-2AA1</b>	1	1 unit	41J

1) Gold-plated contact.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

#### Pushbuttons and indicator lights in the enclosure

Number of command points	Product function/ EMERGENCY-STOP function	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Customized enclosures<sup>1)</sup>



3SU1802-0AZ00 K0Y

<b>Plastic</b>						
1	No	3SU1801-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1801-0NZ00 K0Y		1	1 unit	41J
2	No	3SU1802-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1802-0NZ00 K0Y		1	1 unit	41J
3	No	3SU1803-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1803-0NZ00 K0Y		1	1 unit	41J
4	No	3SU1804-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1804-0NZ00 K0Y		1	1 unit	41J
6	No	3SU1806-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1806-0NZ00 K0Y		1	1 unit	41J



3SU1853-0AZ00 K0Y

<b>Metal</b>						
1	No	3SU1851-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1851-0NZ00 K0Y		1	1 unit	41J
2	No	3SU1852-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1852-0NZ00 K0Y		1	1 unit	41J
3	No	3SU1853-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1853-0NZ00 K0Y		1	1 unit	41J
4	No	3SU1854-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1854-0NZ00 K0Y		1	1 unit	41J
6	No	3SU1856-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1856-0NZ00 K0Y		1	1 unit	41J

<sup>1)</sup> The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected. When ordering, always add the article number and the order code "**K0Y**" and the **CIN** number from the configurator.

Ordering example:

3SU1801-0AZ00

K0Y

CIN20150609140858154554,

see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator).

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights Enclosures

#### Pushbuttons and indicator lights in the enclosure for AS-Interface

##### Overview

With AS-Interface enclosures, distributed SIRIUS ACT pushbuttons and indicator lights can be quickly connected to the AS-Interface communications system. Using suitable components you can assemble your own enclosures with integrated AS-Interface or flexibly modify existing enclosures.



Enclosures for AS-Interface

##### Enclosures

Color of enclosure top:

- Gray, RAL 7035
- Pantone yellow C, for EMERGENCY STOP

Color of lower part of enclosure:

- Black, RAL 9005

##### Equipping with AS-Interface slaves

The following slaves are available for connecting the command points:

- Slave in A/B technology with 4 digital inputs and 3 digital outputs (4 DI/3 DQ)
- Slave with 4 digital inputs and 4 digital outputs (4 DI/4 DQ)
- F slave with 2 safe inputs for EMERGENCY-STOP mushroom pushbutton (2 F-DI), also with integrated red LED for the illuminated EMERGENCY-STOP mushroom pushbutton.

The following table shows the maximum number of slaves possible:

Number of command points	Number of slaves for enclosures without EMERGENCY STOP	Number of slaves for enclosures with EMERGENCY STOP
1	--	1 x F slave 2 F-DI
2	1 x slave 4 DI/4 DQ or 4 DI/3 DQ	--
3	1 x slave 4 DI/4 DQ or 4 DI/3 DQ	1 x slave 4 DI/4 DQ or 4 DI/3 DQ + 1 x F slave
4	2 x slave 4 DI/4 DQ or 4 DI/3 DQ	2 x slave 4 DI/4 DQ or 4 DI/3 DQ + 1 x F slave
6	2 x slave 4 DI/4 DQ or 4 DI/3 DQ	2 x slave 4 DI/4 DQ or 4 DI/3 DQ + 1 x F slave

##### Connection

One set of cables is required in each case to connect a slave to contact modules, LED modules and the connection element.

The connection elements are mounted in the front-end cable glands and are used to connect the AS-Interface or bring unused inputs or outputs out of the enclosure.

For connection to AS-Interface, the following options are available:

- Terminal for shaped AS-Interface cable. The cable is contacted by the insulation piercing method and routed past the enclosure on the outside (possible only with plastic enclosure).
- Cable gland for the shaped AS-Interface cable or round cable. The cable is routed into the enclosure (preferable for metal enclosure).
- Connection using M12 plug.

If less than all inputs/outputs of the installed slaves in an enclosure are used for connecting the commanding devices, free inputs and outputs can be routed on request to the outside through an M12 socket on the upper or lower part of the enclosure.

To supply inputs with power, the S+ connection of the slave must be assigned to the socket, for outputs the OUT- connection must be assigned. Addressing is performed using the AS-Interface connections or the integrated addressing socket. An external power supply is not required.

##### Enclosures with standard fittings

Enclosures with standard fittings are available with:

- 1 to 3 command points
- Operational voltage through AS-Interface (approx. 30 V)
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators

The enclosures without EMERGENCY STOP each have one module with 4I/3O; the enclosures with EMERGENCY-STOP mushroom pushbuttons have a safe AS-Interface slave integrated in the enclosure. Enclosures with EMERGENCY-STOP mushroom pushbuttons are fitted with two NC contact modules, which are wired to the safe F slave.

The contact modules and LED modules (with spring-loaded terminals) of the commanding devices and the AS-Interface slaves are mounted in the base of the enclosure and connected using cables.

The plastic enclosures are designed with a connection for the AS-Interface flat cable (the cable is run along the outside of the enclosure). For metal enclosures, the AS-Interface cable is run inside the enclosure.

The enclosures with EMERGENCY-STOP mushroom pushbuttons are also available with an M12 connection plug.

##### Customized enclosures (selection by configurator)

To order customized 3SU18 AS-Interface enclosures with pushbuttons and indicator lights, the configurator must be used to select the fittings.

An electronic order form will be generated for the options.

Configurator, see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator).

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

#### Pushbuttons and indicator lights in the enclosure for AS-Interface

#### Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version Command point fittings	Color Marking	Insulation piercing method		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			

#### Enclosures with standard fittings

##### Plastic

	Yellow	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red A = "Without inscription"	<b>3SU1801-0NB10-4HB2</b>	1	1 unit	41J
			With protective collar A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red	<b>3SU1801-0NB10-4HC2</b>	1	1 unit	41J
	Gray	2	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact	A = Red/ B = Green A = O/ B = I	<b>3SU1802-0AB10-4HB1</b>	1	1 unit	41J
		3	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Indicator light	A = Black/ B = White A = O/ B = I C = "Without inscription"	<b>3SU1802-0AC10-4HB1</b>	1	1 unit	41J
			With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Indicator light	A = Red/ B = Green/ C = Clear A = O/ B = I/ C = "Without inscription"	<b>3SU1803-0AB10-4HB1</b>	1	1 unit	41J
<b>Metal</b>								
	Yellow	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red A = "Without inscription"	<b>3SU1851-0NB10-4GB2</b>	1	1 unit	41J
			With protective collar A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red	<b>3SU1851-0NB10-4GC2</b>	1	1 unit	41J

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

### Pushbuttons and indicator lights in the enclosure for AS-Interface

Number of command points	Product function/ EMERGENCY-STOP function	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Customized enclosures for AS-Interface<sup>1)</sup>



3SU1802-0NZ10 K0Y

#### Plastic

1	Yes	<b>3SU1801-0NZ10 K0Y</b>		1	1 unit	41J
2	No	<b>3SU1802-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1802-0NZ10 K0Y</b>		1	1 unit	41J
3	No	<b>3SU1803-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1803-0NZ10 K0Y</b>		1	1 unit	41J
4	No	<b>3SU1804-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1804-0NZ10 K0Y</b>		1	1 unit	41J
6	No	<b>3SU1806-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1806-0NZ10 K0Y</b>		1	1 unit	41J



3SU1853-0NZ10 K0Y

#### Metal

1	Yes	<b>3SU1851-0NZ10 K0Y</b>		1	1 unit	41J
2	No	<b>3SU1852-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1852-0NZ10 K0Y</b>		1	1 unit	41J
3	No	<b>3SU1853-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1853-0NZ10 K0Y</b>		1	1 unit	41J
4	No	<b>3SU1854-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1854-0NZ10 K0Y</b>		1	1 unit	41J
6	No	<b>3SU1856-0AZ10 K0Y</b>		1	1 unit	41J
	Yes	<b>3SU1856-0NZ10 K0Y</b>		1	1 unit	41J

<sup>1)</sup> The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected. When ordering, always add the article number and the order code "**K0Y**" and the **CIN number** from the configurator.

Ordering example:

3SU1801-0AZ00

K0Y

CIN20150609140858154554,

see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator).

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

#### Pushbuttons and indicator lights in the enclosure for IO-Link

#### Overview

##### Customized enclosures for IO-Link

With IO-Link enclosures, SIRIUS ACT pushbuttons and indicator lights can be quickly and reliably connected to the IO-Link communications system.

#### Benefits

Advantages:

- Easy configuration of customized enclosure solutions with IO-Link via configurator
- Quick and easy installation due to pre-wired, customized enclosure solutions with integrated IO-Link interface

#### Selection and ordering data

Number of command points	Product function/ EMERGENCY-STOP function	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
--------------------------	--	-------------	--------------	-------------------	-----	----

##### Customized enclosures for IO-Link<sup>1)</sup>



3SU1802-0AZ20 K0Y

##### Plastic

2	No	<b>3SU1802-0AZ20 K0Y</b>		1	1 unit	41J
3	No	<b>3SU1803-0AZ20 K0Y</b>		1	1 unit	41J
4	No	<b>3SU1804-0AZ20 K0Y</b>		1	1 unit	41J
6	No	<b>3SU1806-0AZ20 K0Y</b>		1	1 unit	41J

##### Metal

2	No	<b>3SU1852-0AZ20 K0Y</b>		1	1 unit	41J
3	No	<b>3SU1853-0AZ20 K0Y</b>		1	1 unit	41J
4	No	<b>3SU1854-0AZ20 K0Y</b>		1	1 unit	41J
6	No	<b>3SU1856-0AZ20 K0Y</b>		1	1 unit	41J

<sup>1)</sup> The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected. When ordering, always add the article number and the order code "**K0Y**" and the **CIN number** from the configurator.

Ordering example:

3SU1803-0AZ20

K0Y

CIN.....

see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator).

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights  
Enclosures

### Pushbuttons and indicator lights in the enclosure for connection to SIMATIC ET 200

#### Overview

##### SIRIUS ACT connection to safety field modules

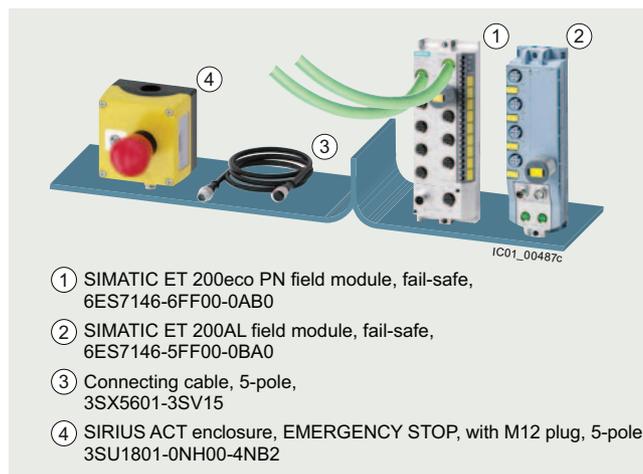
The connection of SIRIUS ACT enclosures with EMERGENCY-STOP mushroom pushbutton and M12 plug-in connection to the fail-safe field modules of the SIMATIC ET 200eco PN and SIMATIC ET 200AL ensures fast and simple use in the field.

The market-compliant pin assignment of sensor, connecting cable and field module is identical in this solution. This ensures functional capability and excludes the possibility of sensor mix-ups.

The pre-wired enclosures can be implemented using various connection options with appropriate accessories (e.g. cables in different lengths, also partially preassembled).

Additional SIRIUS devices, e.g. position and safety switches, can also be connected to the field modules. Advantage: Safe system technology in the field, from the sensor through to the field module (see page 12/93 onwards).

Configurator, see [www.siemens.com/SIMATIC-ET200-safety-sensor-configurator](http://www.siemens.com/SIMATIC-ET200-safety-sensor-configurator).



SIRIUS ACT connection to safety field modules

Sensors with M12 plug	Type	SIL	Connection accessories M12 method, A-coded	Type	Cable length
<b>SIRIUS ACT enclosures, EMERGENCY STOP</b>					
 <p><b>Enclosure</b> plastic, yellow, with 1 command point, A = EMERGENCY-STOP mushroom pushbutton, red, 40 mm, with positive latching according to ISO 13850, rotate to unlatch, label with graphic symbol for "stop", 2 NC, spring-loaded terminals, base mounting, M12 plug (5-pole), bottom</p>	3SU1801-0NH00-4NB2 3 (see page 13/107)	3	 <p><b>Connecting cable</b> with M12 socket, 5-pole and M12 plug, 5-pole</p>	3SX5601-3SV15 (see page 12/52)	1 m
			or		
 <p><b>Enclosure</b> plastic, yellow, with 1 command point, A = EMERGENCY-STOP mushroom pushbutton, red, 40 mm, illuminated, with positive latching according to ISO 13850, rotate to unlatch, 2 NC, white LED 24 V, spring-loaded terminal, base mounting, M12 plug (8-pole), bottom</p>	3SU1801-0NV00-4SA2 3 (see page 13/107)	3	 <p><b>Connecting cable</b> with M12 socket, 8-pole and M12 plug, 8-pole</p>	3SX5601-3SV18 (see page 12/74)	1 m
			and	 <p><b>ET 200 Y-cable for connecting 1 x 2-channel sensor</b> with M12 socket, 8-pole on 2 x M12 plugs, 5-pole</p>	6ES7194-6KC00-0XA0 (see page 12/74)
 <p><b>Enclosure</b> plastic, gray, with 2 command points, A = pushbutton, blue, latching, 1 NO, black "Reset" label, spring-loaded terminals, base mounting, M12 plug (8-pole), bottom, B = EMERGENCY-STOP mushroom pushbutton, red, 40 mm, rotate to unlatch, 2 x 1 NC, black "Off" label</p>	3SU1802-0NE00-4SB1 3 (see page 13/107)	3	 <p><b>Connecting cables</b> with M12 socket, 8-pole, straight, open end</p>	3SX5601-2GA03 (see page 12/74)	3 m
				3SX5601-2GA05 (see page 12/74)	5 m
				3SX5601-2GA10 (see page 12/74)	10 m
				3SX5601-2GA15 (see page 12/74)	15 m
			and	 <p><b>M12 plug</b> 8-pole, straight</p>	6GT2090-0BE00 (see page 12/74)
and	 <p><b>ET 200 Y-cable for connecting 1 x 2-channel sensor</b> with M12 socket, 8-pole on 2 x M12 plugs, 5-pole</p>	6ES7194-6KC00-0XA0 (see page 12/74)	0.2 m		

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

### Pushbuttons and indicator lights in the enclosure for connection to SIMATIC ET 200

#### Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of		Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
				NC contacts	NO contacts				
Article No.						Price per PU			

#### Enclosures with standard fittings for connection to fail-safe field modules of the SIMATIC ET 200eco PN and SIMATIC ET 200AL

##### Plastic

	Yellow	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch, M12 plug (5-pole), bottom	A = Red A = 	2	0	<b>3SU1801-0NH00-4NB2</b>	1	1 unit	41J
	Yellow	1	Center command point A = EMERGENCY-STOP mushroom pushbutton, 40 mm, illuminated, with positive latching according to ISO 13850, rotate to unlatch, LED, white, 24 V, M12 plug (8-pole), bottom	A = Red	2	0	<b>3SU1801-0NV00-4SA2</b>	1	1 unit	41J
	Gray	2	With recess for labeling plate A = Pushbutton, latching, M12 plug (8-pole), bottom, B = EMERGENCY-STOP mushroom pushbutton, 40 mm, rotate to unlatch	A = Blue/ B = Red A = Reset/ B = Off	2 0	0 1	<b>3SU1802-0NE00-4SB1</b>	1	1 unit	41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Enclosures

## Two-hand operation consoles

### Overview

#### Equipment

The two-hand operation consoles are pre-equipped with commanding devices. In the case of plastic enclosures the command points are equipped as standard with actuators and indicators made of plastic and in the case of metal enclosures they are equipped with actuators and indicators made of metal.

The standard equipment comprises:

- 2 black mushroom pushbuttons, Ø 40 mm, 1 NO + 1 NC
- 1 red EMERGENCY-STOP mushroom pushbutton according to ISO 13850, Ø 40 mm, with positive latching, 2 NC

The plastic version can be retrofitted with up to 8 customized command points. The surface of the console has premachined breaking points for this purpose.

### Application

The two-hand operation consoles are required for use with machines and systems that have hazardous areas, in order to direct both hands of the operator to one position.

The operation consoles are primarily used on presses, stamping machines, printing presses and paper converting machines, in the chemical industry and in the rubber or plastics industries.

The control command is given by pressing the two mushroom pushbuttons on the sides simultaneously (within 0.5 s of each other) and must be maintained for as long as a hazard exists.

For the further processing of control commands, evaluation units such as 3SK safety relays are used.

### Standards

The two-hand operation consoles comply with the requirements of EN 574/ISO 13851.

### Selection and ordering data

Version of actuating element	Color of actuating element	Number of NO contacts	Number of NC contacts	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Two-hand operation consoles

##### Plastic



3SU1803-3NB00-1AE1

None	--	0	0	<b>3SU1803-3AA00-0AA1</b>		1	1 unit	41J
A = Mushroom pushbutton, momentary contact/ B = EMERGENCY-STOP mushroom pushbutton, rotate to unlatch/ C = Mushroom pushbutton, momentary contact	A = Black/ B = Red/ C = Black	2	4	<b>3SU1803-3NB00-1AE1</b>		1	1 unit	41J

##### Metal



3SU1853-3AA00-0AA1

None	--	0	0	<b>3SU1853-3AA00-0AA1</b>		1	1 unit	41J
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3SU1853-3NB00-1AA1

A = Mushroom pushbutton, momentary contact/ B = EMERGENCY-STOP mushroom pushbutton, rotate to unlatch/ C = Mushroom pushbutton, momentary contact	A = Black/ B = Red/ C = Black	2	4	<b>3SU1853-3NB00-1AA1</b>		1	1 unit	41J
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3SU1853-3NB00-1AD1

With 4 additional command points for 22 mm commanding devices	A = Black/ B = Red/ C = Black	2	4	<b>3SU1853-3NB00-1AD1</b>		1	1 unit	41J
A = Mushroom pushbutton, momentary contact/ B = EMERGENCY-STOP mushroom pushbutton, rotate to unlatch/ C = Mushroom pushbutton, momentary contact								

Version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Accessories

##### Stand for two-hand operation consoles



3SU1950-0HN10-0AA0

with cutouts for metric cable glands	Metal	Black	<b>3SU1950-0HN10-0AA0</b>		1	1 unit	41J
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### Overview

Labels can be inserted for identification purposes for the 22 mm and 30 mm design lines of the pushbuttons (clear) and illuminated pushbuttons with flat button. These insert labels are made of transparent plastic with black inscription; they can be fitted in any 90° angle.

### Inscription

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

The insert labels without inscription are suitable for self-inscription with permanent pen.

Customized inscriptions, see [Options, page 13/111](#).

### Selection and ordering data

Color	Marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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### Insert labels

#### For self-inscription

Milky white/black (label/lettering)	None	<b>3SU1900-0AB71-0AA0</b>		100	10 units	41J
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#### With customized inscription

Milky white/black (label/lettering)	Inscriptions or symbols, see <a href="#">Options, page 13/111</a> .	<b>3SU1900-0AB71-0AZ0</b>		1	1 unit	41J
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#### Inscription in German

Milky white/black (label/lettering)	Ein	<b>3SU1900-0AB71-0AB0</b>		100	10 units	41J
	Aus	<b>3SU1900-0AB71-0AC0</b>		100	10 units	41J
	Auf	<b>3SU1900-0AB71-0AD0</b>		100	10 units	41J
	Ab	<b>3SU1900-0AB71-0AE0</b>		100	10 units	41J
	Vor	<b>3SU1900-0AB71-0AF0</b>		100	10 units	41J
	Zurück	<b>3SU1900-0AB71-0AG0</b>		100	10 units	41J
	Rechts	<b>3SU1900-0AB71-0AH0</b>		100	10 units	41J
	Links	<b>3SU1900-0AB71-0AJ0</b>		100	10 units	41J
	Halt	<b>3SU1900-0AB71-0AK0</b>		100	10 units	41J
	Zu	<b>3SU1900-0AB71-0AL0</b>		100	10 units	41J
	Schnell	<b>3SU1900-0AB71-0AM0</b>		100	10 units	41J
	Langsam	<b>3SU1900-0AB71-0AN0</b>		100	10 units	41J
	Betrieb	<b>3SU1900-0AB71-0AP0</b>		100	10 units	41J
	Störung	<b>3SU1900-0AB71-0AQ0</b>		100	10 units	41J
	Einrichten	<b>3SU1900-0AB71-0AR0</b>		100	10 units	41J

#### Inscription in English

Milky white/black (label/lettering)	On	<b>3SU1900-0AB71-0DJ0</b>		100	10 units	41J
	Off	<b>3SU1900-0AB71-0DK0</b>		100	10 units	41J
	Up	<b>3SU1900-0AB71-0DL0</b>		100	10 units	41J
	Down	<b>3SU1900-0AB71-0DM0</b>		100	10 units	41J
	Forward	<b>3SU1900-0AB71-0DN0</b>		100	10 units	41J
	Right	<b>3SU1900-0AB71-0DQ0</b>		100	10 units	41J
	Left	<b>3SU1900-0AB71-0DR0</b>		100	10 units	41J
	Stop	<b>3SU1900-0AB71-0DS0</b>		100	10 units	41J
	Start	<b>3SU1900-0AB71-0DT0</b>		100	10 units	41J
	Reset	<b>3SU1900-0AB71-0DU0</b>		100	10 units	41J
	Test	<b>3SU1900-0AB71-0DV0</b>		100	10 units	41J
	Open	<b>3SU1900-0AB71-0DW0</b>		100	10 units	41J
	Close	<b>3SU1900-0AB71-0DX0</b>		100	10 units	41J
	Running	<b>3SU1900-0AB71-0EB0</b>		100	10 units	41J
	Fast	<b>3SU1900-0AB71-0EE0</b>		100	10 units	41J
	Slow	<b>3SU1900-0AB71-0EF0</b>		100	10 units	41J



3SU1900-0AB71-0AA0



3SU1900-0AB71-0AB0



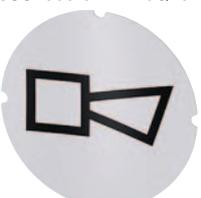
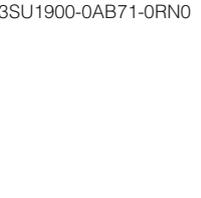
3SU1900-0AB71-0DN0

## Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

### Labels > Insert labels

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
<b>Insert labels</b>								
<b>With symbol (ON/OFF)</b>								
	Milky white/black (label/lettering)	O	5008 IEC	<b>3SU1900-0AB71-0QA0</b>	100	10 units	41J	
		I	5007 IEC	<b>3SU1900-0AB71-0QB0</b>	100	10 units	41J	
		II	--	<b>3SU1900-0AB71-0QC0</b>	100	10 units	41J	
		III	--	<b>3SU1900-0AB71-0QD0</b>	100	10 units	41J	
3SU1900-0AB71-0QC0								
<b>With symbol (graphic)</b>								
	Milky white/black (label/lettering)	→	ARROW DIRECTION TO RIGHT	5022 IEC	<b>3SU1900-0AB71-0QR0</b>	100	10 units	41J
		↗	ARROW DIRECTION UP AND TO LEFT	--	<b>3SU1900-0AB71-0QS0</b>	100	10 units	41J
		↻	CLOCKWISE ROTATION	0004 ISO	<b>3SU1900-0AB71-0QT0</b>	100	10 units	41J
		↺	COUNTERCLOCKWISE ROTATION	--	<b>3SU1900-0AB71-0QU0</b>	100	10 units	41J
		⚡	RAPID TRAVERSE	0266 ISO	<b>3SU1900-0AB71-0QV0</b>	100	10 units	41J
		⚡	FEED	0259 ISO	<b>3SU1900-0AB71-0QW0</b>	100	10 units	41J
		+	INCREASE, PLUS	5005 IEC	<b>3SU1900-0AB71-0QX0</b>	100	10 units	41J
		-	DECREASE, MINUS	5006 IEC	<b>3SU1900-0AB71-0QY0</b>	100	10 units	41J
3SU1900-0AB71-0RB0								
		🏠	ELECTRIC MOTOR	0011 ISO	<b>3SU1900-0AB71-0RA0</b>	100	10 units	41J
		📢	HORN	5014 IEC	<b>3SU1900-0AB71-0RB0</b>	100	10 units	41J
		🚰	WATER INLET	--	<b>3SU1900-0AB71-0RC0</b>	100	10 units	41J
		🔧	PUMP	0134 ISO	<b>3SU1900-0AB71-0RD0</b>	100	10 units	41J
		🌀	COOLANT PUMP	0355 ISO	<b>3SU1900-0AB71-0RE0</b>	100	10 units	41J
		🔗	CLAMP	5653 IEC	<b>3SU1900-0AB71-0RF0</b>	100	10 units	41J
		🔓	UNLOCK, UNCLAMP	5652 IEC	<b>3SU1900-0AB71-0RG0</b>	100	10 units	41J
		🛑	BRAKE	--	<b>3SU1900-0AB71-0RH0</b>	100	10 units	41J
		🛑	RELEASE BRAKE	0021 ISO	<b>3SU1900-0AB71-0RJ0</b>	100	10 units	41J
		🔒	INTERLOCK	0022 ISO	<b>3SU1900-0AB71-0RK0</b>	100	10 units	41J
		🔓	UNLOCK	0023 ISO	<b>3SU1900-0AB71-0RL0</b>	100	10 units	41J
		🔧	SETUP	0910 ISO	<b>3SU1900-0AB71-0RM0</b>	100	10 units	41J
		⊕	ON/OFF, MOMENTARY CONTACT	5011 IEC	<b>3SU1900-0AB71-0RN0</b>	100	10 units	41J
		👤	MANUAL OPERATION	0096 ISO	<b>3SU1900-0AB71-0RP0</b>	100	10 units	41J
		🔄	AUTOMATIC CYCLE	0017 ISO	<b>3SU1900-0AB71-0RQ0</b>	100	10 units	41J
		🌬️	SUCTION	--	<b>3SU1900-0AB71-0RR0</b>	100	10 units	41J
		🌬️	BLOWING	--	<b>3SU1900-0AB71-0RS0</b>	100	10 units	41J

## Options

### Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

The default typeface used for inscriptions with text is Arial and the text is centered.

The font height is 2.5 mm.

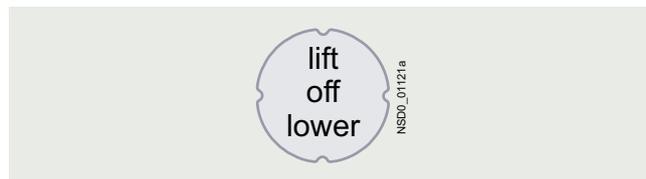
#### Examples of customized inscriptions



Two-line inscription in upper/lower case (Q0Y)



Single-line inscription in upper case (Q1Y)



Three-line inscription in lower case (Q2Y)



Symbol number 5011 according to IEC 60417 (Q3Y)



Any symbol according to order form supplement (Q9Y)

### Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Text line(s) in upper/lower case, always upper case for beginning of line, e.g. Z1=Lift Z2=Lower
- **Q1Y:** Text line(s) in upper case, e.g. Z1=LIFT Z2=LOWER
- **Q2Y:** Text line(s) in lower case, e.g. Z1=lift off Z2=lower off
- **Q5Y:** Text line(s) in upper/lower case, all words begin with upper case letters, e.g. Z1=Lift Off Z2=Lower Off
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see ordering examples 1 to 3).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. Z1=LIFT Z2=LOWER (see ordering example 1).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see ordering examples 2 and 3).

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see ordering example 4). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)
- SiePortal: [www.siemens.com/sirius/mall](http://www.siemens.com/sirius/mall)

#### Ordering example 1

A label with 2 lines of text is required:

**3SU1900-0AB71-0AZ0**

**Q1Y**

Z1=LIFT

Z2=LOWER

#### Ordering example 2

A label inscribed with symbol No. 5011 according to IEC 60417 is required:

**3SU1900-0AB71-0AZ0**

**Q3Y**

Z=5011 IEC

#### Ordering example 3

A label inscribed with symbol No. 1118 according to ISO 7000 is required:

**3SU1900-0AB71-0AZ0**

**Q3Y**

Z=1118 ISO

#### Ordering example 4

A label with customized inscription is required:

**3SU1900-0AB71-0AZ0**

**Q9Y**

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Label holders for labeling plates

##### Overview

Label holders of black plastic, and labeling plates (black with white print or silver-colored with black print) for sticking or snapping in place, are available for labeling. They are not suitable for EMERGENCY-STOP buttons. Note mounting dimensions!

The label holders cannot be used in conjunction with sealing plugs, protective caps, protective collars and locking devices.

##### Inscription

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options](#), page 13/120.

##### Labeling plates for sticking/snapping in place

The labels are available in three sizes:

- 12.5 mm x 27 mm
- 17.5 mm x 27 mm
- 27 mm x 27 mm

For mounting the labeling plates, you can choose between label holders for stick-on or snap-on mounting.

##### Selection and ordering data

Multi-unit packaging, see page 13/17.

Material, label holder shape	Mounting diameter	Label holder color	Label fastening method	Labeling plate size		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	mm			height	width					
	mm			mm	mm					

##### Label holders for labeling plates

###### For 1 labeling plate



3SU1900-0AG10-0AA0

Plastic, with rounded bottom	22	Black	Self-adhesive	12.5	27	<b>3SU1900-0AG10-0AA0</b>		100	10 units	41J					
				17.5	27										
				27	27										
			Snap-on	12.5	27						<b>3SU1900-0AR10-0AA0</b>		100	10 units	41J
				17.5	27										
				27	27										



3SU1900-0AN10-0AA0

Plastic, with square bottom	22	Black	Self-adhesive	12.5	27	<b>3SU1900-0AN10-0AA0</b>		100	10 units	41J
				17.5	27					
				27	27					

###### For 2 labeling plates



3SU1900-0BQ10-0AA0

Plastic, with rounded bottom	22	Black	Self-adhesive	17.5	27	<b>3SU1900-0BQ10-0AA0</b>		1	10 units	41J
				Snap-on	17.5					

###### For 4 labeling plates



3SU1900-0BT10-0AA0

Plastic, with square bottom	22	Black	Self-adhesive	17.5	27	<b>3SU1900-0BS10-0AA0</b>		1	10 units	41J
				Snap-on	17.5					

###### For actuators and indicators



3SU1960-0AH10-0AA0

Plastic, with rounded bottom	30	Black	Self-adhesive	17.5	27	<b>3SU1960-0AH10-0AA0</b>		1	10 units	41J
				Snap-on	17.5					

#### Labels > Label holders for labeling plates

Multi-unit packaging,  
see page 13/17.

	Material, label holder shape	Mount- ing diami- ter mm	Label holder color	Label fastening method	Labeling plate size		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
					height mm	width mm					
<b>Label holders for labeling plates, coordinate switches</b>											
	Plastic, with square bottom	22	Black	Self- adhesive	27	27	<b>3SU1900-0AL10-0AA0</b>		1	1 unit	41J
3SU1900-0AL10-0AA0											
	Plastic, cross	22	Black	Self- adhesive	27	27	<b>3SU1900-0AM10-0AA0</b>		1	1 unit	41J
3SU1900-0AM10-0AA0											
<b>Label holders for labeling plates, twin pushbuttons</b>											
	Plastic, rectangular	22	Black	Self- adhesive	12.5	27	<b>3SU1900-0AK10-0AA0</b>		100	10 units	41J
3SU1900-0AK10-0AA0											
<b>Single frames</b>											
	Plastic, square	22	Black	--	29.8	29.8	<b>3SU1900-0AX10-0AA0</b>		1	10 units	41J
3SU1900-0AX10-0AA0											

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Labeling plates

#### Overview

Label holders of black plastic, and labeling plates (black with white print or silver-colored with black print) for sticking or snapping in place, are available for labeling. They are not suitable for EMERGENCY-STOP buttons. Note mounting dimensions!

The label holders cannot be used in conjunction with sealing plugs, protective caps, protective collars and locking devices.

#### Inscription

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options, page 13/120](#).

#### Labeling plates for sticking/snapping in place

The labels are available in three sizes:

- 12.5 mm x 27 mm
- 17.5 mm x 27 mm
- 27 mm x 27 mm

For mounting the labeling plates, you can choose between label holders for stick-on or snap-on mounting.

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Labeling plates 12.5 mm x 27 mm</b>							
<b>For self-inscription</b>							
	Black/white (label/lettering)	None	--	<b>3SU1900-0AC16-0AA0</b>	100	10 units	41J
<b>With customized inscription</b>							
	Black/white (label/lettering)	Inscriptions or symbols, see <a href="#">Options, page 13/120</a> .	--	<b>3SU1900-0AC16-0AZ0</b>	1	1 unit	41J
<b>Inscription in German</b>							
	Black/white (label/lettering)	Ein	--	<b>3SU1900-0AC16-0AB0</b>	100	10 units	41J
		Aus	--	<b>3SU1900-0AC16-0AC0</b>	100	10 units	41J
		Auf	--	<b>3SU1900-0AC16-0AD0</b>	100	10 units	41J
		Ab	--	<b>3SU1900-0AC16-0AE0</b>	100	10 units	41J
		Vor	--	<b>3SU1900-0AC16-0AF0</b>	100	10 units	41J
		Zurück	--	<b>3SU1900-0AC16-0AG0</b>	100	10 units	41J
		Rechts	--	<b>3SU1900-0AC16-0AH0</b>	100	10 units	41J
		Links	--	<b>3SU1900-0AC16-0AJ0</b>	100	10 units	41J
		Halt	--	<b>3SU1900-0AC16-0AK0</b>	100	10 units	41J
		Zu	--	<b>3SU1900-0AC16-0AL0</b>	100	10 units	41J
		Betrieb	--	<b>3SU1900-0AC16-0AP0</b>	100	10 units	41J
		Störung	--	<b>3SU1900-0AC16-0AQ0</b>	100	10 units	41J
		Hand Auto	--	<b>3SU1900-0AC16-0DB0</b>	100	10 units	41J
		Hand O Auto	--	<b>3SU1900-0AC16-0DD0</b>	100	10 units	41J
<b>Inscription in English</b>							
	Black/white (label/lettering)	On	--	<b>3SU1900-0AC16-0DJ0</b>	100	10 units	41J
		Off	--	<b>3SU1900-0AC16-0DK0</b>	100	10 units	41J
		Up	--	<b>3SU1900-0AC16-0DL0</b>	100	10 units	41J
		Down	--	<b>3SU1900-0AC16-0DM0</b>	100	10 units	41J
		Forward	--	<b>3SU1900-0AC16-0DN0</b>	100	10 units	41J
		Reverse	--	<b>3SU1900-0AC16-0DP0</b>	100	10 units	41J
		Right	--	<b>3SU1900-0AC16-0DQ0</b>	100	10 units	41J
		Left	--	<b>3SU1900-0AC16-0DR0</b>	100	10 units	41J
		Stop	--	<b>3SU1900-0AC16-0DS0</b>	100	10 units	41J
		Start	--	<b>3SU1900-0AC16-0DT0</b>	100	10 units	41J
		Reset	--	<b>3SU1900-0AC16-0DU0</b>	100	10 units	41J
		Test	--	<b>3SU1900-0AC16-0DV0</b>	100	10 units	41J
		Open	--	<b>3SU1900-0AC16-0DW0</b>	100	10 units	41J
		Close	--	<b>3SU1900-0AC16-0DX0</b>	100	10 units	41J
		Jog	--	<b>3SU1900-0AC16-0DE0</b>	100	10 units	41J
		Running	--	<b>3SU1900-0AC16-0EB0</b>	100	10 units	41J
		Fault	--	<b>3SU1900-0AC16-0EC0</b>	100	10 units	41J
		Run	--	<b>3SU1900-0AC16-0ED0</b>	100	10 units	41J
		Stop Start	--	<b>3SU1900-0AC16-0DC0</b>	100	10 units	41J
		Off On	--	<b>3SU1900-0AC16-0DH0</b>	100	10 units	41J
		Power off	--	<b>3SU1900-0AC16-0DF0</b>	100	10 units	41J
		Power on	--	<b>3SU1900-0AC16-0DG0</b>	100	10 units	41J
		Man O Auto	--	<b>3SU1900-0AC16-0DY0</b>	100	10 units	41J
		Man Auto	--	<b>3SU1900-0AC16-0EA0</b>	100	10 units	41J

#### Labeling plates 12.5 mm x 27 mm



3SU1900-0AC16-0AA0



3SU1900-0AC16-0AG0



3SU1900-0AC16-0DN0

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Labeling plates

Multi-unit packaging,  
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Labeling plates 12.5 mm x 27 mm

		<b>Inscription in French</b>					
 <p>3SU1900-0AC16-0GA0</p>	Black/white (label/lettering)	Marche	--	3SU1900-0AC16-0GA0	100	10 units	41J
		Arrêt	--	3SU1900-0AC16-0GB0	100	10 units	41J
		Montée	--	3SU1900-0AC16-0GC0	100	10 units	41J
		Descente	--	3SU1900-0AC16-0GD0	100	10 units	41J
		Avant	--	3SU1900-0AC16-0GE0	100	10 units	41J
		Retour	--	3SU1900-0AC16-0GF0	100	10 units	41J
		Droite	--	3SU1900-0AC16-0GG0	100	10 units	41J
		Gauche	--	3SU1900-0AC16-0GH0	100	10 units	41J
		Ouvert	--	3SU1900-0AC16-0GJ0	100	10 units	41J
		Fermé	--	3SU1900-0AC16-0GK0	100	10 units	41J
		Rapide	--	3SU1900-0AC16-0GL0	100	10 units	41J
		En service	--	3SU1900-0AC16-0GM0	100	10 units	41J
		Défaut	--	3SU1900-0AC16-0GN0	100	10 units	41J
		Réglage	--	3SU1900-0AC16-0GP0	100	10 units	41J
		Arrêt d'urgence	--	3SU1900-0AC16-0GQ0	100	10 units	41J
		Hors service	--	3SU1900-0AC16-0GR0	100	10 units	41J
		Sous tension	--	3SU1900-0AC16-0GS0	100	10 units	41J
		Manu Auto	--	3SU1900-0AC16-0GT0	100	10 units	41J
		Marche Arrêt	--	3SU1900-0AC16-0GU0	100	10 units	41J
		Réarmement	--	3SU1900-0AC16-0GV0	100	10 units	41J
 <p>3SU1900-0AC16-0QG0</p>	<b>With symbol</b>						
	Black/white (label/lettering)	O	--	3SU1900-0AC16-0QA0	100	10 units	41J
		I	--	3SU1900-0AC16-0QB0	100	10 units	41J
		O 1	--	3SU1900-0AC16-0QG0	100	10 units	41J
		1 2	--	3SU1900-0AC16-0QJ0	100	10 units	41J
		↑ ARROW DIRECTION UP	--	3SU1900-0AC16-0QS0	100	10 units	41J

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

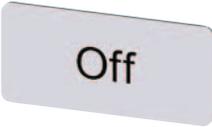
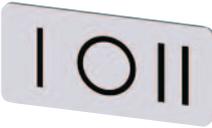
### Accessories

#### Labels > Labeling plates

Multi-unit packaging,  
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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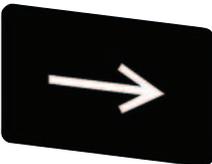
#### Labeling plates 12.5 mm x 27 mm

	<b>For self-inscription</b>							
	Silver/black (label/lettering)	None	--	<b>3SU1900-0AC81-0AA0</b>		100	10 units 41J	
3SU1900-0AC81-0AA0	<b>With customized inscription</b>							
	Silver/black (label/lettering)	Inscriptions or symbols, see Options, page 13/120.		<b>3SU1900-0AC81-0AZ0</b>		1	1 unit 41J	
	<b>Inscription in German</b>							
	Silver/black (label/lettering)	Ein	--	<b>3SU1900-0AC81-0AB0</b>		100	10 units 41J	
		Aus	--	<b>3SU1900-0AC81-0AC0</b>		100	10 units 41J	
		Auf	--	<b>3SU1900-0AC81-0AD0</b>		100	10 units 41J	
		Ab	--	<b>3SU1900-0AC81-0AE0</b>		100	10 units 41J	
		Vor	--	<b>3SU1900-0AC81-0AF0</b>		100	10 units 41J	
		Zurück	--	<b>3SU1900-0AC81-0AG0</b>		100	10 units 41J	
		Rechts	--	<b>3SU1900-0AC81-0AH0</b>		100	10 units 41J	
		Links	--	<b>3SU1900-0AC81-0AJ0</b>		100	10 units 41J	
		Halt	--	<b>3SU1900-0AC81-0AK0</b>		100	10 units 41J	
		Zu	--	<b>3SU1900-0AC81-0AL0</b>		100	10 units 41J	
		Schnell	--	<b>3SU1900-0AC81-0AM0</b>		100	10 units 41J	
		Langsam	--	<b>3SU1900-0AC81-0AN0</b>		100	10 units 41J	
		Betrieb	--	<b>3SU1900-0AC81-0AP0</b>		100	10 units 41J	
		Störung	--	<b>3SU1900-0AC81-0AQ0</b>		100	10 units 41J	
		Einrichten	--	<b>3SU1900-0AC81-0AR0</b>		100	10 units 41J	
		Hand Auto	--	<b>3SU1900-0AC81-0DB0</b>		100	10 units 41J	
	Stop Start	--	<b>3SU1900-0AC81-0DC0</b>		100	10 units 41J		
	Hand O Auto	--	<b>3SU1900-0AC81-0DD0</b>		100	10 units 41J		
	<b>Inscription in English</b>							
	Silver/black (label/lettering)	On	--	<b>3SU1900-0AC81-0DJ0</b>		100	10 units 41J	
		Off	--	<b>3SU1900-0AC81-0DK0</b>		100	10 units 41J	
		Up	--	<b>3SU1900-0AC81-0DL0</b>		100	10 units 41J	
		Down	--	<b>3SU1900-0AC81-0DM0</b>		100	10 units 41J	
		Stop	--	<b>3SU1900-0AC81-0DS0</b>		100	10 units 41J	
		Start	--	<b>3SU1900-0AC81-0DT0</b>		100	10 units 41J	
		Reset	--	<b>3SU1900-0AC81-0DU0</b>		100	10 units 41J	
		Test	--	<b>3SU1900-0AC81-0DV0</b>		100	10 units 41J	
		Open	--	<b>3SU1900-0AC81-0DW0</b>		100	10 units 41J	
		Close	--	<b>3SU1900-0AC81-0DX0</b>		100	10 units 41J	
		Man O Auto	--	<b>3SU1900-0AC81-0DY0</b>		100	10 units 41J	
		Man Auto	--	<b>3SU1900-0AC81-0EA0</b>		100	10 units 41J	
		Running	--	<b>3SU1900-0AC81-0EB0</b>		100	10 units 41J	
		Fault	--	<b>3SU1900-0AC81-0EC0</b>		100	10 units 41J	
		Fast	--	<b>3SU1900-0AC81-0EE0</b>		100	10 units 41J	
		Slow	--	<b>3SU1900-0AC81-0EF0</b>		100	10 units 41J	
	<b>With symbol</b>							
	Silver/black (label/lettering)	O	5008 IEC	<b>3SU1900-0AC81-0QA0</b>		100	10 units 41J	
		I	5007 IEC	<b>3SU1900-0AC81-0QB0</b>		100	10 units 41J	
		II	--	<b>3SU1900-0AC81-0QC0</b>		100	10 units 41J	
		III	--	<b>3SU1900-0AC81-0QD0</b>		100	10 units 41J	
		O I	--	<b>3SU1900-0AC81-0QG0</b>		100	10 units 41J	
		I O II	--	<b>3SU1900-0AC81-0QK0</b>		100	10 units 41J	
		I O 2	--	<b>3SU1900-0AC81-0QL0</b>		100	10 units 41J	
		→	ARROW DIRECTION TO RIGHT	5022 IEC	<b>3SU1900-0AC81-0QR0</b>		100	10 units 41J
		↑	ARROW DIRECTION UP	--	<b>3SU1900-0AC81-0QS0</b>		100	10 units 41J

Multi-unit packaging,  
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Labeling plates 17.5 mm x 27 mm

	<b>For self-inscription</b>						
	Black/white (label/lettering)	None	--	<b>3SU1900-0AD16-0AA0</b>	100	10 units	41J
	<b>With customized inscription</b>						
	Black/white (label/lettering)	Inscriptions or symbols, see Options, page 13/120.		<b>3SU1900-0AD16-0AZ0</b>	1	1 unit	41J
3SU1900-0AD16-0AA0							
	<b>Inscription in German</b>						
	Black/white (label/lettering)	Ein	--	<b>3SU1900-0AD16-0AB0</b>	100	10 units	41J
		Aus	--	<b>3SU1900-0AD16-0AC0</b>	100	10 units	41J
		Auf	--	<b>3SU1900-0AD16-0AD0</b>	100	10 units	41J
		Ab	--	<b>3SU1900-0AD16-0AE0</b>	100	10 units	41J
		Vor	--	<b>3SU1900-0AD16-0AF0</b>	100	10 units	41J
		Zurück	--	<b>3SU1900-0AD16-0AG0</b>	100	10 units	41J
		Halt	--	<b>3SU1900-0AD16-0AK0</b>	100	10 units	41J
		Zu	--	<b>3SU1900-0AD16-0AL0</b>	100	10 units	41J
		Betrieb	--	<b>3SU1900-0AD16-0AP0</b>	100	10 units	41J
	Störung	--	<b>3SU1900-0AD16-0AQ0</b>	100	10 units	41J	
	Hand Auto	--	<b>3SU1900-0AD16-0DB0</b>	100	10 units	41J	
3SU1900-0AD16-0AC0							
	<b>Inscription in English</b>						
	Black/white (label/lettering)	Stop Start	--	<b>3SU1900-0AD16-0DC0</b>	100	10 units	41J
		On	--	<b>3SU1900-0AD16-0DJ0</b>	100	10 units	41J
		Off	--	<b>3SU1900-0AD16-0DK0</b>	100	10 units	41J
		Up	--	<b>3SU1900-0AD16-0DL0</b>	100	10 units	41J
		Down	--	<b>3SU1900-0AD16-0DM0</b>	100	10 units	41J
		Forward	--	<b>3SU1900-0AD16-0DN0</b>	100	10 units	41J
		Reverse	--	<b>3SU1900-0AD16-0DP0</b>	100	10 units	41J
		Right	--	<b>3SU1900-0AD16-0DQ0</b>	100	10 units	41J
		Stop	--	<b>3SU1900-0AD16-0DS0</b>	100	10 units	41J
		Start	--	<b>3SU1900-0AD16-0DT0</b>	100	10 units	41J
		Open	--	<b>3SU1900-0AD16-0DW0</b>	100	10 units	41J
		Close	--	<b>3SU1900-0AD16-0DX0</b>	100	10 units	41J
		Man Auto	--	<b>3SU1900-0AD16-0EA0</b>	100	10 units	41J
		Running	--	<b>3SU1900-0AD16-0EB0</b>	100	10 units	41J
		Fault	--	<b>3SU1900-0AD16-0EC0</b>	100	10 units	41J
	3SU1900-0AD16-0DK0						
	<b>Inscription in French</b>						
	Black/white (label/lettering)	Marche	--	<b>3SU1900-0AD16-0GA0</b>	100	10 units	41J
		Arrêt	--	<b>3SU1900-0AD16-0GB0</b>	100	10 units	41J
		Droite	--	<b>3SU1900-0AD16-0GG0</b>	100	10 units	41J
		Gauche	--	<b>3SU1900-0AD16-0GH0</b>	100	10 units	41J
		En service	--	<b>3SU1900-0AD16-0GM0</b>	100	10 units	41J
		Défaut	--	<b>3SU1900-0AD16-0GN0</b>	100	10 units	41J
		Sous tension	--	<b>3SU1900-0AD16-0GS0</b>	100	10 units	41J
		Manu Auto	--	<b>3SU1900-0AD16-0GT0</b>	100	10 units	41J
		Marche Arrêt	--	<b>3SU1900-0AD16-0GU0</b>	100	10 units	41J
	Réarmement	--	<b>3SU1900-0AD16-0GV0</b>	100	10 units	41J	
3SU1900-0AD16-0DK0							
	<b>With symbol</b>						
	Black/white (label/lettering)	O	5008 IEC	<b>3SU1900-0AD16-0QA0</b>	100	10 units	41J
		I	5007 IEC	<b>3SU1900-0AD16-0QB0</b>	100	10 units	41J
		O I	--	<b>3SU1900-0AD16-0QG0</b>	100	10 units	41J
		→	ARROW DIRECTION TO RIGHT	5022 IEC	<b>3SU1900-0AD16-0QR0</b>	100	10 units
	↑	ARROW DIRECTION UP	--	<b>3SU1900-0AD16-0QS0</b>	100	10 units	41J
3SU1900-0AD16-0QR0							

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Labeling plates

Multi-unit packaging,  
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Labeling plates 17.5 mm x 27 mm

	<b>For self-inscription</b>						
	Silver/black (label/lettering)	None	--	<b>3SU1900-0AD81-0AA0</b>		100	10 units 41J
	<b>With customized inscription</b>						
	Silver/black (label/lettering)	Inscriptions or symbols, see Options, page 13/120.		<b>3SU1900-0AD81-0AZ0</b>		1	1 unit 41J
3SU1900-0AD81-0AA0							
	<b>Inscription in German</b>						
	Silver/black (label/lettering)	Ein	--	<b>3SU1900-0AD81-0AB0</b>		100	10 units 41J
		Aus	--	<b>3SU1900-0AD81-0AC0</b>		100	10 units 41J
		Auf	--	<b>3SU1900-0AD81-0AD0</b>		100	10 units 41J
		Ab	--	<b>3SU1900-0AD81-0AE0</b>		100	10 units 41J
		Vor	--	<b>3SU1900-0AD81-0AF0</b>		100	10 units 41J
		Zurück	--	<b>3SU1900-0AD81-0AG0</b>		100	10 units 41J
		Rechts	--	<b>3SU1900-0AD81-0AH0</b>		100	10 units 41J
		Halt	--	<b>3SU1900-0AD81-0AK0</b>		100	10 units 41J
		Zu	--	<b>3SU1900-0AD81-0AL0</b>		100	10 units 41J
		Betrieb	--	<b>3SU1900-0AD81-0AP0</b>		100	10 units 41J
		Störung	--	<b>3SU1900-0AD81-0AQ0</b>		100	10 units 41J
Hand Auto		--	<b>3SU1900-0AD81-0DB0</b>		100	10 units 41J	
Hand O Auto	--	<b>3SU1900-0AD81-0DD0</b>		100	10 units 41J		
3SU1900-0AD81-0AP0							
	<b>Inscription in English</b>						
	Silver/black (label/lettering)	On	--	<b>3SU1900-0AD81-0DJ0</b>		100	10 units 41J
		Off	--	<b>3SU1900-0AD81-0DK0</b>		100	10 units 41J
		Stop	--	<b>3SU1900-0AD81-0DS0</b>		100	10 units 41J
		Start	--	<b>3SU1900-0AD81-0DT0</b>		100	10 units 41J
		Reset	--	<b>3SU1900-0AD81-0DU0</b>		100	10 units 41J
		Man O Auto	--	<b>3SU1900-0AD81-0DY0</b>		100	10 units 41J
Fault		--	<b>3SU1900-0AD81-0EC0</b>		100	10 units 41J	
3SU1900-0AD81-0EC0							
	<b>With symbol</b>						
	Silver/black (label/lettering)	O	5008 IEC	<b>3SU1900-0AD81-0QA0</b>		100	10 units 41J
		I	5007 IEC	<b>3SU1900-0AD81-0QB0</b>		100	10 units 41J
		O I	--	<b>3SU1900-0AD81-0QG0</b>		100	10 units 41J
		I O II	--	<b>3SU1900-0AD81-0QK0</b>		100	10 units 41J
		1 O 2	--	<b>3SU1900-0AD81-0QL0</b>		100	10 units 41J
		→	ARROW DIRECTION TO RIGHT 5022 IEC	<b>3SU1900-0AD81-0QR0</b>		100	10 units 41J
		↑	ARROW DIRECTION UP	<b>3SU1900-0AD81-0QS0</b>		100	10 units 41J
3SU1900-0AD81-0QG0							

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Accessories

#### Labels > Labeling plates

Multi-unit packaging,  
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
<b>Labeling plates 27 mm x 27 mm</b>								
<b>For self-inscription</b>								
	Black/white (label/lettering)	None	--	<b>3SU1900-0AE16-0AA0</b>	100	10 units	41J	
	Silver/black (label/lettering)	None	--	<b>3SU1900-0AE81-0AA0</b>	100	10 units	41J	
<b>With customized inscription</b>								
	Black/white (label/lettering)	Inscriptions or symbols, see Options, page 13/120.	--	<b>3SU1900-0AE16-0AZ0</b>	1	1 unit	41J	
	Silver/black (label/lettering)		--	<b>3SU1900-0AE81-0AZ0</b>	1	1 unit	41J	
3SU1900-0AE16-0AA0								
3SU1900-0AE81-0AA0								
<b>Inscription in German</b>								
	Black/white (label/lettering)	Ein	--	<b>3SU1900-0AE16-0AB0</b>	100	10 units	41J	
		Aus	--	<b>3SU1900-0AE16-0AC0</b>	100	10 units	41J	
		Auf	--	<b>3SU1900-0AE16-0AD0</b>	100	10 units	41J	
		Ab	--	<b>3SU1900-0AE16-0AE0</b>	100	10 units	41J	
		Vor	--	<b>3SU1900-0AE16-0AF0</b>	100	10 units	41J	
		Zurück	--	<b>3SU1900-0AE16-0AG0</b>	100	10 units	41J	
		Rechts	--	<b>3SU1900-0AE16-0AH0</b>	100	10 units	41J	
		Links	--	<b>3SU1900-0AE16-0AJ0</b>	100	10 units	41J	
		Halt	--	<b>3SU1900-0AE16-0AK0</b>	100	10 units	41J	
		Zu	--	<b>3SU1900-0AE16-0AL0</b>	100	10 units	41J	
		Betrieb	--	<b>3SU1900-0AE16-0AP0</b>	100	10 units	41J	
		Störung	--	<b>3SU1900-0AE16-0AQ0</b>	100	10 units	41J	
		Hand Auto	--	<b>3SU1900-0AE16-0DB0</b>	100	10 units	41J	
3SU1900-0AE16-0AD0								
<b>Inscription in English</b>								
	Black/white (label/lettering)	On	--	<b>3SU1900-0AE16-0DJ0</b>	100	10 units	41J	
		Off	--	<b>3SU1900-0AE16-0DK0</b>	100	10 units	41J	
		Up	--	<b>3SU1900-0AE16-0DL0</b>	100	10 units	41J	
		Down	--	<b>3SU1900-0AE16-0DM0</b>	100	10 units	41J	
		Forward	--	<b>3SU1900-0AE16-0DN0</b>	100	10 units	41J	
		Reverse	--	<b>3SU1900-0AE16-0DP0</b>	100	10 units	41J	
		Stop	--	<b>3SU1900-0AE16-0DS0</b>	100	10 units	41J	
		Start	--	<b>3SU1900-0AE16-0DT0</b>	100	10 units	41J	
		EMERGENCY STOP	--	<b>3SU1900-0AE16-0DA0</b>	100	10 units	41J	
		Stop Start	--	<b>3SU1900-0AE16-0DC0</b>	100	10 units	41J	
	3SU1900-0AE16-0DK0							
	<b>Inscription in French</b>							
		Black/white (label/lettering)	Marche	--	<b>3SU1900-0AE16-0GA0</b>	100	10 units	41J
		Arrêt	--	<b>3SU1900-0AE16-0GB0</b>	100	10 units	41J	
		Montée	--	<b>3SU1900-0AE16-0GC0</b>	100	10 units	41J	
		Descente	--	<b>3SU1900-0AE16-0GD0</b>	100	10 units	41J	
		En service	--	<b>3SU1900-0AE16-0GM0</b>	100	10 units	41J	
		Défaut	--	<b>3SU1900-0AE16-0GN0</b>	100	10 units	41J	
		Sous tension	--	<b>3SU1900-0AE16-0GS0</b>	100	10 units	41J	
		Manu Auto	--	<b>3SU1900-0AE16-0GT0</b>	100	10 units	41J	
		Marche Arrêt	--	<b>3SU1900-0AE16-0GU0</b>	100	10 units	41J	
3SU1900-0AE16-0GB0								
<b>With symbol</b>								
	Black/white (label/lettering)	O I	--	<b>3SU1900-0AE16-0QG0</b>	100	10 units	41J	
		→ ARROW DIRECTION TO RIGHT	5022 IEC	<b>3SU1900-0AE16-0QR0</b>	100	10 units	41J	
3SU1900-0AE16-0QG0								

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Labeling plates

#### Options

##### Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

The default typeface used for inscriptions with text is Arial and the text is centered.

##### Font height

Label size 12.5 mm x 27 mm, max. 3 lines:

Font height	1-line	4 mm
	2-line	3 mm
	3-line	1.75 mm

Label size 17.5 mm x 27 mm, max. 3 lines:

Font height	1- to 2-line	4 mm
	3-line	3 mm

Label size 27 mm x 27 mm, max. 5 lines:

Font height	1- to 3-line	4 mm
	4-line	3.5 mm
	5-line	3 mm

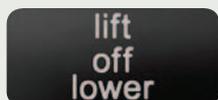
##### Examples of customized inscriptions



Two-line inscription in upper/lower case (Q0Y)



Single-line inscription in upper case (Q1Y)



Three-line inscription in lower case (Q2Y)



Symbol number 5011 according to IEC 60417 (Q3Y)



Any symbol according to order form supplement (Q9Y)

##### Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Text line(s) in upper/lower case, always upper case for beginning of line, e.g. Z1=Lift Z2=Lower
- **Q1Y:** Text line(s) in upper case, e.g. Z1=LIFT Z2=LOWER
- **Q2Y:** Text line(s) in lower case, e.g. Z1=lift off Z2=lower off
- **Q5Y:** Text line(s) in upper/lower case, all words begin with upper case letters, e.g. Z1=Lift Off Z2=Lower Off
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see ordering examples 1 to 3).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. Z1=LIFT Z2=LOWER (see ordering example 1).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see ordering examples 2 and 3).

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see ordering example 4). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)
- SiePortal: [www.siemens.com/sirius/mall](http://www.siemens.com/sirius/mall)

##### Ordering example 1

A label with 2 lines of text is required:

**3SU1900-0AC16-0AZ0**

**Q1Y**

Z1=LIFT

Z2=LOWER

##### Ordering example 2

A label inscribed with symbol No. 5011 according to IEC 60417 is required:

**3SU1900-0AC16-0AZ0**

**Q3Y**

Z=5011 IEC

##### Ordering example 3

A label inscribed with symbol No. 1118 according to ISO 7000 is required:

**3SU1900-0AC16-0AZ0**

**Q3Y**

Z=1118 ISO

##### Ordering example 4

An indicator light with customized inscription is required:

**3SU1900-0AC16-0AZ0**

**Q9Y**

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

### Overview

The labeling plates in size 22 mm x 22 mm can be attached to enclosures with recesses for labels. There are versions in black with white print or silver-colored with black print.

### Inscription

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options](#), page 13/124.

### Selection and ordering data

Multi-unit packaging, see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Labeling plates 22 mm x 22 mm



3SU1900-0AF16-0AA0

#### For self-inscription

Black/white (label/lettering)	None	--	<b>3SU1900-0AF16-0AA0</b>		100	10 units	41J
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#### With customized inscription

Black/white (label/lettering)	Inscriptions or symbols, see <a href="#">Options</a> , page 13/124.	--	<b>3SU1900-0AF16-0AZ0</b>		1	1 unit	41J
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3SU1900-0AF16-0AB0

#### Inscription in German

Black/white (label/lettering)	Ein	--	<b>3SU1900-0AF16-0AB0</b>		1	10 units	41J
	Aus	--	<b>3SU1900-0AF16-0AC0</b>		1	10 units	41J
	Auf	--	<b>3SU1900-0AF16-0AD0</b>		1	10 units	41J
	Ab	--	<b>3SU1900-0AF16-0AE0</b>		1	10 units	41J
	Vor	--	<b>3SU1900-0AF16-0AF0</b>		1	10 units	41J
	Zurück	--	<b>3SU1900-0AF16-0AG0</b>		1	10 units	41J
	Rechts	--	<b>3SU1900-0AF16-0AH0</b>		1	10 units	41J
	Links	--	<b>3SU1900-0AF16-0AJ0</b>		1	10 units	41J
	Halt	--	<b>3SU1900-0AF16-0AK0</b>		1	10 units	41J
	Zu	--	<b>3SU1900-0AF16-0AL0</b>		1	10 units	41J
	Schnell	--	<b>3SU1900-0AF16-0AM0</b>		1	10 units	41J
	Langsam	--	<b>3SU1900-0AF16-0AN0</b>		1	10 units	41J
	Betrieb	--	<b>3SU1900-0AF16-0AP0</b>		1	10 units	41J
	Störung	--	<b>3SU1900-0AF16-0AQ0</b>		1	10 units	41J
	Einrichten	--	<b>3SU1900-0AF16-0AR0</b>		1	10 units	41J
	NOT-AUS	--	<b>3SU1900-0AF16-0AS0</b>		1	10 units	41J



3SU1900-0AF16-0AP0

#### Inscription in English

Black/white (label/lettering)	On	--	<b>3SU1900-0AF16-0DJ0</b>		1	10 units	41J
	Off	--	<b>3SU1900-0AF16-0DK0</b>		1	10 units	41J
	Up	--	<b>3SU1900-0AF16-0DL0</b>		1	10 units	41J
	Down	--	<b>3SU1900-0AF16-0DM0</b>		1	10 units	41J
	Forward	--	<b>3SU1900-0AF16-0DN0</b>		1	10 units	41J
	Right	--	<b>3SU1900-0AF16-0DQ0</b>		1	10 units	41J
	Left	--	<b>3SU1900-0AF16-0DR0</b>		1	10 units	41J
	Stop	--	<b>3SU1900-0AF16-0DS0</b>		1	10 units	41J
	Start	--	<b>3SU1900-0AF16-0DT0</b>		1	10 units	41J
	Reset	--	<b>3SU1900-0AF16-0DU0</b>		1	10 units	41J
	Test	--	<b>3SU1900-0AF16-0DV0</b>		1	10 units	41J
	Open	--	<b>3SU1900-0AF16-0DW0</b>		1	10 units	41J
	Close	--	<b>3SU1900-0AF16-0DX0</b>		1	10 units	41J
	Running	--	<b>3SU1900-0AF16-0EB0</b>		1	10 units	41J
	Fault	--	<b>3SU1900-0AF16-0EC0</b>		1	10 units	41J
	Fast	--	<b>3SU1900-0AF16-0EE0</b>		1	10 units	41J
	Slow	--	<b>3SU1900-0AF16-0EF0</b>		1	10 units	41J
	EMERGENCY STOP	--	<b>3SU1900-0AF16-0DA0</b>		1	10 units	41J



3SU1900-0AF16-0DM0



3SU1900-0AF16-0EC0

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Accessories

#### Labels > Labeling plates for enclosures

Multi-unit packaging,  
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Labeling plates 22 mm x 22 mm

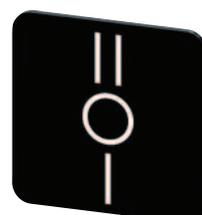
##### Inscription in French



3SU1900-0AF16-0GA0



3SU1900-0AF16-0GB0



3SU1900-0AF16-0QQ0



3SU1900-0AF16-0RW0

Black/white (label/lettering)	Marche	--	3SU1900-0AF16-0GA0		1	10 units	41J
	Arrêt	--	3SU1900-0AF16-0GB0		1	10 units	41J
	Montée	--	3SU1900-0AF16-0GC0		1	10 units	41J
	Descente	--	3SU1900-0AF16-0GD0		1	10 units	41J
	Retour	--	3SU1900-0AF16-0GF0		1	10 units	41J
	Droite	--	3SU1900-0AF16-0GG0		1	10 units	41J
	Gauche	--	3SU1900-0AF16-0GH0		1	10 units	41J
	Ouvert	--	3SU1900-0AF16-0GJ0		1	10 units	41J
	Fermé	--	3SU1900-0AF16-0GK0		1	10 units	41J
	Rapide	--	3SU1900-0AF16-0GL0		1	10 units	41J
	En service	--	3SU1900-0AF16-0GM0		1	10 units	41J
	Défaut	--	3SU1900-0AF16-0GN0		1	10 units	41J
	Sous tension	--	3SU1900-0AF16-0GS0		1	10 units	41J
	Manu Auto	--	3SU1900-0AF16-0GT0		1	10 units	41J
	Marche Arrêt	--	3SU1900-0AF16-0GU0		1	10 units	41J
	Réarmement	--	3SU1900-0AF16-0GV0		1	10 units	41J
	Lent	--	3SU1900-0AF16-0GW0		1	10 units	41J
	Arrêt d'urgence	--	3SU1900-0AF16-0GQ0		1	10 units	41J

##### With symbol (ON/OFF)

Black/white (label/lettering)	O	5008 IEC	3SU1900-0AF16-0QA0		1	10 units	41J
	I	5007 IEC	3SU1900-0AF16-0QB0		1	10 units	41J
	II	--	3SU1900-0AF16-0QC0		1	10 units	41J
	III	--	3SU1900-0AF16-0QD0		1	10 units	41J
	O I	--	3SU1900-0AF16-0QG0		1	10 units	41J
	I O II	--	3SU1900-0AF16-0QK0		1	10 units	41J
	I	--	3SU1900-0AF16-0QP0		1	10 units	41J
	O	--					
	(below each other)	--					
	II	--	3SU1900-0AF16-0QQ0		1	10 units	41J
	O	--					
	I	--					
	(below each other)	--					

##### With symbol (graphic)

Black/white (label/lettering)	→	ARROW DIRECTION TO RIGHT	5022 IEC	3SU1900-0AF16-0QR0		1	10 units	41J
		PUMP	0134 ISO	3SU1900-0AF16-0RD0		1	10 units	41J
		FAN	--	3SU1900-0AF16-0RV0		1	10 units	41J
		COOLING	--	3SU1900-0AF16-0RW0		1	10 units	41J
		ILLUMINATION	--	3SU1900-0AF16-0RX0		1	10 units	41J
		MOTOR	--	3SU1900-0AF16-0RY0		1	10 units	41J

# Commanding and signaling devices

## SIRIUS ACT pushbuttons and indicator lights

### Accessories

#### Labels > Labeling plates for enclosures

Multi-unit packaging,  
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Labeling plates 22 mm x 22 mm</b>							
<b>For self-inscription</b>							
Silver/black (label/lettering)	None	--	<b>3SU1900-0AF81-0AA0</b>		100	10 units	41J
<b>With customized inscription</b>							
Silver/black (label/lettering)	Inscriptions or symbols, see Options, page 13/124.		<b>3SU1900-0AF81-0AZ0</b>		1	1 unit	41J
<b>Inscription in German</b>							
Silver/black (label/lettering)	Ein	--	<b>3SU1900-0AF81-0AB0</b>		1	10 units	41J
	Aus	--	<b>3SU1900-0AF81-0AC0</b>		1	10 units	41J
	Auf	--	<b>3SU1900-0AF81-0AD0</b>		1	10 units	41J
	Ab	--	<b>3SU1900-0AF81-0AE0</b>		1	10 units	41J
	Vor	--	<b>3SU1900-0AF81-0AF0</b>		1	10 units	41J
	Zurück	--	<b>3SU1900-0AF81-0AG0</b>		1	10 units	41J
	Rechts	--	<b>3SU1900-0AF81-0AH0</b>		1	10 units	41J
	Links	--	<b>3SU1900-0AF81-0AJ0</b>		1	10 units	41J
	Halt	--	<b>3SU1900-0AF81-0AK0</b>		1	10 units	41J
	Zu	--	<b>3SU1900-0AF81-0AL0</b>		1	10 units	41J
	Schnell	--	<b>3SU1900-0AF81-0AM0</b>		1	10 units	41J
	Langsam	--	<b>3SU1900-0AF81-0AN0</b>		1	10 units	41J
	Betrieb	--	<b>3SU1900-0AF81-0AP0</b>		1	10 units	41J
	Störung	--	<b>3SU1900-0AF81-0AQ0</b>		1	10 units	41J
	Einrichten	--	<b>3SU1900-0AF81-0AR0</b>		1	10 units	41J
	NOT-AUS	--	<b>3SU1900-0AF81-0AS0</b>		1	10 units	41J
	NOT-HALT	--	<b>3SU1900-0AF81-0AT0</b>		1	10 units	41J
	Hand O Auto	--	<b>3SU1900-0AF81-0DD0</b>		1	10 units	41J
<b>Inscription in English</b>							
Silver/black (label/lettering)	Stop	--	<b>3SU1900-0AF81-0DS0</b>		1	10 units	41J
	Start	--	<b>3SU1900-0AF81-0DT0</b>		1	10 units	41J
	Reset	--	<b>3SU1900-0AF81-0DU0</b>		1	10 units	41J
	Test	--	<b>3SU1900-0AF81-0DV0</b>		1	10 units	41J
	Open	--	<b>3SU1900-0AF81-0DW0</b>		1	10 units	41J
<b>With symbol (ON/OFF)</b>							
Silver/black (label/lettering)	O	5008 IEC	<b>3SU1900-0AF81-0QA0</b>		1	10 units	41J
	I	5007 IEC	<b>3SU1900-0AF81-0QB0</b>		1	10 units	41J
	II	--	<b>3SU1900-0AF81-0QC0</b>		1	10 units	41J
	III	--	<b>3SU1900-0AF81-0QD0</b>		1	10 units	41J
	O I	--	<b>3SU1900-0AF81-0QG0</b>		1	10 units	41J
	I O II	--	<b>3SU1900-0AF81-0QK0</b>		1	10 units	41J
	I	--	<b>3SU1900-0AF81-0QP0</b>		1	10 units	41J
	O (below each other)	--					
	II O I (below each other)	--	<b>3SU1900-0AF81-0QQ0</b>		1	10 units	41J
<b>With symbol (graphic)</b>							
Silver/black (label/lettering)	→	ARROW DIRECTION TO RIGHT 5022 IEC	<b>3SU1900-0AF81-0QR0</b>		1	10 units	41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Labeling plates for enclosures

#### Options

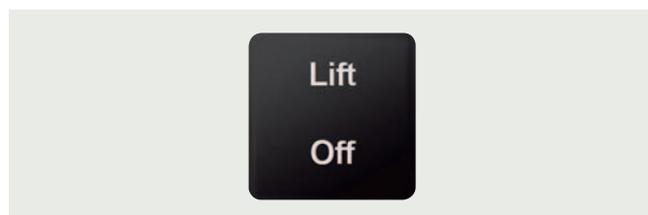
##### Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

The default typeface used for inscriptions with text is Arial and the text is centered.

The font height is 4 mm (1- and 2-line) and 3.5 mm (3-line).

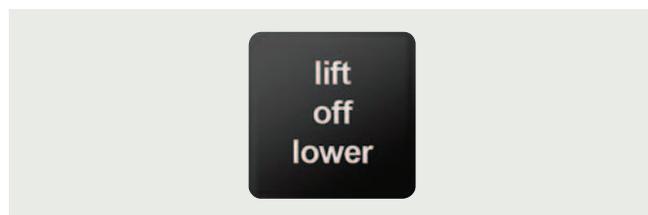
##### Examples of customized inscriptions



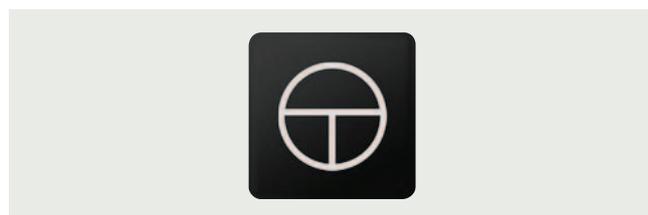
Two-line inscription in upper/lower case (Q0Y)



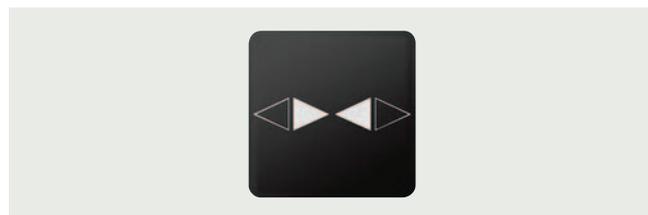
Single-line inscription in upper case (Q1Y)



Backing plate for enclosures, customized inscription (Q2Y)



Symbol number 5011 according to IEC 60417 (Q3Y)



Any symbol according to order form supplement (Q9Y)

##### Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Text line(s) in upper/lower case, always upper case for beginning of line, e.g. Z1=Lift Z2=Lower
- **Q1Y:** Text line(s) in upper case, e.g. Z1=LIFT Z2=LOWER
- **Q2Y:** Text line(s) in lower case, e.g. Z1=lift off Z2=lower off
- **Q5Y:** Text line(s) in upper/lower case, all words begin with upper case letters, e.g. Z1=Lift Off Z2=Lower Off
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see [ordering examples 1 to 3](#)).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. Z1=LIFT Z2=LOWER (see [ordering example 1](#)).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see [ordering examples 2 and 3](#)).

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see [ordering example 4](#)). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)
- SiePortal: [www.siemens.com/sirius/mall](http://www.siemens.com/sirius/mall)

##### Ordering example 1

A label with 2 lines of text is required:

**3SU1900-0AF16-0AZ0**

**Q1Y**

Z1=LIFT

Z2=LOWER

##### Ordering example 2

A label inscribed with symbol No. 5011 according to IEC 60417 is required:

**3SU1900-0AF16-0AZ0**

**Q3Y**

Z=5011 IEC

##### Ordering example 3

A label inscribed with symbol No. 1118 according to ISO 7000 is required:

**3SU1900-0AF16-0AZ0**

**Q3Y**

Z=1118 ISO

##### Ordering example 4

A label with customized inscription is required:

**3SU1900-0AF16-0AZ0**

**Q9Y**

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

### Overview

#### More information

Label Designer software, see [www.siemens.com/sirius-label-designer](http://www.siemens.com/sirius-label-designer)

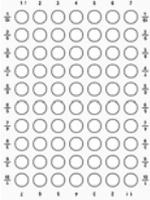
#### Label inscriptions

Using the *Label Designer* software, which can be downloaded from the internet, and the labeling plates for laser inscription you can create your own customized labels with a standard laser printer. The self-adhesive or snap-on labels can be stuck or snapped onto the corresponding label holders. Round labels are provided for inserting in illuminated pushbuttons and switches.

The labels are suitable for inscription with one to three lines of text or symbols.

For applications with more exacting requirements we recommend factory-printed labeling plates and insert labels (laser-printed or engraved depending on the type).

### Selection and ordering data

	Mounting type	Height mm	Width mm	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Labels for printing – insert labels</b>								
	Insert	--	--	<b>3SU1900-0BH60-0AA0</b>		100 490 units		41J
<b>Labels for printing – labeling plates</b>								
	Self-adhesive	12.5 17.5 27 22	27.5 27 27 22	<b>3SU1900-0BJ61-0AA0</b> <b>3SU1900-0BK61-0AA0</b> <b>3SU1900-0BL61-0AA0</b> <b>3SU1900-0BM61-0AA0</b>		100 480 units 100 720 units 100 480 units 100 700 units		41J 41J 41J 41J

3SU1900-0BJ61-0AA0

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Other labels

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Color	Mounting diameter	Mounting type	Outer diameter	Marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	mm		mm						

#### EMERGENCY-STOP backing plates (2 mm thick)



3SU1900-0BB31-0AT0

Yellow/black (label/lettering)	22	None	45	None	<b>3SU1900-0BA31-0AA0</b>		1 10 units		41J		
				EMERGENCY OFF (Polish)	<b>3SU1900-0BA31-0ND0</b>					1 10 units	41J
			60	None	<b>3SU1900-0BN31-0AA0</b>		1 10 units		41J		
				NOT-HALT, EMERGENCY STOP, ARRÊT D'URGENCE, EMERGENZA (German, English, French, Italian)	<b>3SU1900-0BN31-0NC0</b>					1 10 units	41J
				None	<b>3SU1900-0BB31-0AA0</b>					1 10 units	41J
				NOT-AUS	<b>3SU1900-0BB31-0AS0</b>					1 10 units	41J
			75	NOT-HALT	<b>3SU1900-0BB31-0AT0</b>		1 10 units		41J		
				EMERGENCY STOP	<b>3SU1900-0BB31-0DA0</b>					1 10 units	41J
				EMERGENCY OFF (Polish)	<b>3SU1900-0BB31-0ND0</b>					1 10 units	41J

#### With customized inscription

Yellow/black (label/lettering)	22	None	45	Inscriptions or symbols, see Options, page 13/128.	<b>3SU1900-0BA31-0AZ0</b>		1 10 units		41J
			75	<b>3SU1900-0BB31-0AZ0</b>	1 10 units				

#### EMERGENCY-STOP backing plates (5 mm thick), illuminated (24 V AC/DC)



3SU1901-0BD31-0AA0

Yellow/black (label/lettering)	22	Self-adhesive	60	None	<b>3SU1901-0BD31-0AA0</b>		1 1 unit		41J		
				NOT-AUS	<b>3SU1901-0BD31-0AS0</b>					1 1 unit	41J
				NOT-HALT	<b>3SU1901-0BD31-0AT0</b>					1 1 unit	41J
				EMERGENCY STOP	<b>3SU1901-0BD31-0DA0</b>					1 1 unit	41J
				NOT-HALT, EMERGENCY STOP, EMERGENZA, EMERGENCIA (German, English, Italian, Spanish)	<b>3SU1901-0BD31-0NB0</b>					1 1 unit	41J

#### With customized inscription

Yellow/black (label/lettering)	22	None	60	Inscriptions or symbols, see Options, page 13/128.	<b>3SU1901-0BD31-0AZ0</b>		1 1 unit		41J
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#### EMERGENCY-STOP backing plates (0.3 mm thick)



3SU1900-0BC31-0NB0

Yellow/black (label/lettering)	22	Self-adhesive	75	None	<b>3SU1900-0BC31-0AA0</b>		1 10 units		41J		
				NOT-AUS	<b>3SU1900-0BC31-0AS0</b>					1 10 units	41J
				NOT-HALT	<b>3SU1900-0BC31-0AT0</b>					1 10 units	41J
				EMERGENCY STOP	<b>3SU1900-0BC31-0DA0</b>					1 10 units	41J
				ARRÊT D'URGENCE	<b>3SU1900-0BC31-0GQ0</b>					1 10 units	41J
				EMERGENZA	<b>3SU1900-0BC31-0JA0</b>					1 10 units	41J
				Nødstop	<b>3SU1900-0BC31-0LA0</b>					1 10 units	41J
				EMERGENCY OFF (Chinese)	<b>3SU1900-0BC31-0MA0</b>					1 10 units	41J
				NOT-HALT, EMERGENCY STOP, EMERGENZA, EMERGENCIA (German, English, Italian, Spanish)	<b>3SU1900-0BC31-0NB0</b>					1 10 units	41J

#### With customized inscription

Yellow/black (label/lettering)	22	Self-adhesive	75	Inscriptions or symbols, see Options, page 13/128.	<b>3SU1900-0BC31-0AZ0</b>		1 1 unit		41J
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#### Labeling plates (1.2 mm thick) for potentiometers



3SU1900-0BG16-0RU0

Black/white (label/lettering)	22	None	40	None	<b>3SU1900-0BG16-0AA0</b>		1 10 units		41J		
				0 ... 9	<b>3SU1900-0BG16-0RT0</b>					1 10 units	41J
				0 ... 10	<b>3SU1900-0BG16-0SA0</b>					1 10 units	41J
				Symbol: Power up	<b>3SU1900-0BG16-0RU0</b>					1 10 units	41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

Labels &gt; Other labels

	Color	Mounting diameter	Label fastening method	Height	Width	Marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		mm		mm	mm						
<b>Labeling plates (0.3 mm thick) for enclosures with EMERGENCY STOP without recess</b>											
	Yellow/black (label/lettering)	22	Self-adhesive	38	112	None NOT-AUS NOT-HALT	<b>3SU1900-0BE31-0AA0</b> <b>3SU1900-0BE31-0AS0</b> <b>3SU1900-0BE31-0AT0</b>		1 10 units 1 10 units 1 10 units		41J 41J 41J
3SU1900-0BE31-0AS0											
<b>Labeling plates (0.3 mm thick) for enclosures with EMERGENCY STOP with recess</b>											
	Yellow/black (label/lettering)	22	Self-adhesive	38	112	None	<b>3SU1900-0BF31-0AA0</b>		1 10 units		41J
3SU1900-0BF31-0AA0											
<b>Unit labeling plates for modules with front plate mounting</b>											
	White/black (label/lettering)	22	Insert	9.5	10.5	None	<b>3SU1900-0AY61-0AA0</b>		100 10 units		41J
3SU1900-0AY61-0AA0											

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Labels > Other labels

#### Options

##### Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

The EMERGENCY-STOP backing plates/labels can be divided into as many as four radial segments. Each segment can be custom-labeled.

The default typeface used for inscriptions with text is Arial and the text is centered.

##### EMERGENCY-STOP backing plate/label 75 mm:

The font height is 5 mm.

Two or four radial segments are permitted.

##### EMERGENCY-STOP backing plate 60 mm:

The font height is 4 mm.

Two or four radial segments are permitted.

##### EMERGENCY-STOP backing plate 45 mm:

The font height is 4 mm.

Two radial segments are permitted.

##### Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Segment(s) in upper/lower case, always upper case for beginning of segment, e.g. Z1=Not halt Z2=Emergency stop
- **Q1Y:** Segment(s) in upper case, e.g. Z1=NOT HALT Z2=EMERGENCY STOP
- **Q2Y:** Segment(s) in lower case, e.g. Z1=not halt Z2=emergency stop
- **Q5Y:** Segment(s) in upper/lower case, all words begin with upper case letters, e.g. Z1=Not Halt Z2=Emergency Stop
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1 =, etc. in addition to the article number and order code (see [ordering examples 1 to 4](#)).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see [ordering examples 2 and 3](#)).

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see [ordering example 5](#)). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)
- SiePortal: [www.siemens.com/sirius/mall](http://www.siemens.com/sirius/mall)

With ordering options Q0Y, Q1Y, Q2Y, Q3Y and Q5Y, a single-line inscription of two or four radial segments can be implemented. The text or symbol must be assigned to the respective radial segments as follows:

##### Ordering example 1, two radial segments

An EMERGENCY-STOP backing plate, 75 mm diameter, with two radial segments is required



##### **3SU1900-0BB31-0AZ0**

##### **Q1Y**

Z1=NOT

Z2=HALT

##### Ordering example 2, four radial segments

An EMERGENCY-STOP backing plate, 75 mm diameter, with four radial segments is required



##### **3SU1900-0BB31-0AZ0**

##### **Q1Y**

Z1=E-STOP

Z2=EMERGENCIA

Z3=NOT-HALT

Z4=EMERGENZA

##### Ordering example 3

An EMERGENCY-STOP backing plate, 75 mm diameter, with symbol No. 5011 according to IEC 60417 is required:

##### **3SU1900-0BB31-0AZ0**

##### **Q3Y**

Z=5011 IEC

##### Ordering example 4

An EMERGENCY-STOP backing plate, 75 mm diameter, with symbol No. 1118 according to ISO 7000 is required:

##### **3SU1900-0BB31-0AZ0**

##### **Q3Y**

Z=1118 ISO

##### Ordering example 5

An EMERGENCY-STOP backing plate, 75 mm diameter, with customized inscription is required:

##### **3SU1900-0BB31-0AZ0**

##### **Q9Y**

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

### Overview

Protection and access protection are suitable for actuators and indicators with a diameter of 22 mm and 30 mm.

The protective collars cannot be used in conjunction with label holders or single frames.

### Selection and ordering data

Product designation Product version	Mounting diameter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Protective caps</b>								
 3SU1900-0DA10-0AA0	Sealable caps for pushbuttons, flat	22	Plastic	Black Clear	3SU1900-0DA10-0AA0	1	1 unit	41J
					3SU1900-0DA70-0AA0	1	1 unit	41J
 3SU1900-0EL70-0AA0	Sealable caps for <ul style="list-style-type: none"> <li>• Pushbuttons, raised</li> <li>• Pushbuttons with front ring, raised</li> <li>• Pushbuttons with front ring, raised, castellated</li> </ul>	22	Plastic	Black Clear	3SU1900-0EL10-0AA0	1	1 unit	41J
					3SU1900-0EL70-0AA0	1	1 unit	41J
 3SU1960-0DA70-0AA0	Sealable cap for pushbuttons, flat	30	Plastic	Clear	3SU1960-0DA70-0AA0	1	1 unit	41J
 3SU1960-0EY70-0AA0	Sealable cap for selector switches, short	30	Plastic	Clear	3SU1960-0EY70-0AA0	1	1 unit	41J
 3SU1900-0DB70-0AA0	Silicone protective caps for pushbuttons, flat <sup>1)</sup>	22	Plastic	Clear	3SU1900-0DB70-0AA0	1	5 units	41J

<sup>1)</sup> Suitable for the food and beverage industry.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Protection/Access protection

Product designation Product version	Mount- ing diame- ter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 3SU1900-0ED70-0AA0	22	Plastic	Clear	<b>3SU1900-0ED70-0AA0</b>		1	1 unit	41J
 3SU1900-0DC70-0AA0	22	Plastic	Clear	<b>3SU1900-0DC70-0AA0</b>		1	1 unit	41J
 3SU1900-0EE70-0AA0	22	Plastic	Clear	<b>3SU1900-0EE70-0AA0</b>		1	1 unit	41J
 3SU1900-0DD70-0AA0	22	Plastic	Clear	<b>3SU1900-0DD70-0AA0</b>		1	1 unit	41J
 3SU1900-0EF70-0AA0	22	Plastic	Clear	<b>3SU1900-0EF70-0AA0</b>		1	1 unit	41J
 3SU1900-0DE70-0AA0	22	Plastic	Clear	<b>3SU1900-0DE70-0AA0</b>		1	1 unit	41J

<sup>1)</sup> Suitable for the food and beverage industry.

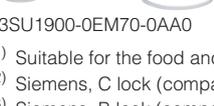
## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Protection/Access protection

Multi-unit packaging,  
see page 13/17.

	Product designation Product version	Mounting diameter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	<b>Silicone-free protective cap for mushroom pushbuttons, 40 mm</b>	22	Plastic	Clear	<b>3SU1900-0EG70-0AA0</b>		1	1 unit	41J
3SU1900-0EG70-0AA0									
	<b>Silicone protective cap for EMERGENCY STOP, 30 mm<sup>1)</sup></b>	22	Plastic	Clear	<b>3SU1900-0EN70-0AA0</b>		1	1 unit	41J
	<b>Silicone protective cap for EMERGENCY STOP, 40 mm<sup>1)</sup></b>	22	Plastic	Clear	<b>3SU1900-0DF70-0AA0</b>		1	1 unit	41J
3SU1900-0DF70-0AA0									
	<b>Silicone protective cap for twin pushbuttons, flat<sup>1)</sup></b>	22	Plastic	Clear	<b>3SU1900-0DG70-0AA0</b>		1	1 unit	41J
3SU1900-0DG70-0AA0									
	<b>Silicone protective cap for twin pushbuttons, raised<sup>1)</sup></b>	22	Plastic	Clear	<b>3SU1900-0DH70-0AA0</b>		1	1 unit	41J
3SU1900-0DH70-0AA0									
	<b>Silicone-free protective cap for twin pushbuttons, raised</b>	22	Plastic	Clear	<b>3SU1900-0EK70-0AA0</b>		1	1 unit	41J
3SU1900-0EK70-0AA0									
	<b>Dust cap for key-operated switches</b> For RONIS, O.M.R., Siemens, C <sup>2)</sup> and Siemens, B <sup>3)</sup>	22	Plastic	Clear	<b>3SU1900-0EB10-0AA0</b>		1	1 unit	41J
3SU1900-0EB10-0AA0									
	<b>Dust cap for ID key-operated switches</b>	22	Plastic	Clear	<b>3SU1900-0EM70-0AA0</b>		1	1 unit	41J
3SU1900-0EM70-0AA0									

<sup>1)</sup> Suitable for the food and beverage industry.

<sup>2)</sup> Siemens, C lock (compatible with CES locks).

<sup>3)</sup> Siemens, B lock (compatible with BKS locks).

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Protection/Access protection

Product designation Product version	Mounting diameter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 3SU1900-0DJ10-0AA0	22	Plastic	Black	<b>3SU1900-0DJ10-0AA0</b>		1	1 unit	41J
 3SU1900-0DW10-0AA0	22	Plastic	Black	<b>3SU1900-0DW10-0AA0</b>		1	1 unit	41J
 3SU1950-0DK80-0AA0	22	Metal	Silver	<b>3SU1950-0DK80-0AA0</b>		1	1 unit	41J
 3SU1950-0DL80-0AA0	22	Metal	Silver	<b>3SU1950-0DL80-0AA0</b>		1	1 unit	41J
 3SU1900-0DY30-0AA0	22	Plastic	Yellow Gray	<b>3SU1900-0DY30-0AA0</b> <b>3SU1900-0DY80-0AA0</b>		1 1	1 unit 1 unit	41J 41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Protection/Access protection

Multi-unit packaging,  
see page 13/17.

Product designation Product version	Mounting diameter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Protective collars</b>								
 3SU1900-0JH30-0AA0	22	Plastic	Yellow	<b>3SU1900-0JH30-0AA0</b>		1	1 unit	41J
 3SU1950-0DX30-0AA0	22	Metal	Yellow Gray	<b>3SU1950-0DX30-0AA0</b> <b>3SU1950-0DX80-0AA0</b>		1 1	1 unit 1 unit	41J 41J
 3SU1900-0EA30-0AA0	22	Plastic	Yellow	<b>3SU1900-0EX30-0AA0</b>		1	1 unit	41J
 3SU1900-0EA30-0AA0	22	Plastic	Yellow	<b>3SU1900-0EA30-0AA0</b>		1	1 unit	41J

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Protection/Access protection

Product version	Mounting diameter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
<b>Locking devices</b>									
 3SU1950-0DM80-0AA0	<b>Locking device for pushbuttons</b> Flat, for raised front ring and raised, castellated front ring	22	Metal	Silver	<b>3SU1950-0DM80-0AA0</b>		1	1 unit	41J
 3SU1950-0DN80-0AA0	<b>Locking device for pushbuttons</b> Raised	22	Metal	Silver	<b>3SU1950-0DN80-0AA0</b>		1	1 unit	41J
 3SU1950-0DP80-0AA0	<b>Locking device for mushroom pushbuttons D30, D40</b>	22	Metal	Silver	<b>3SU1950-0DP80-0AA0</b>		1	1 unit	41J
 3SU1950-0DQ80-0AA0	<b>Locking device for selectors</b> Short/long actuator, in the left position	22	Metal	Silver	<b>3SU1950-0DQ80-0AA0</b>		1	1 unit	41J
 3SU1950-0DR80-0AA0	<b>Locking device for selectors</b> Short/long actuator, in the center position	22	Metal	Silver	<b>3SU1950-0DR80-0AA0</b>		1	1 unit	41J
 3SU1950-0DS80-0AA0	<b>Locking device for selectors</b> Short/long actuator, in the right position	22	Metal	Silver	<b>3SU1950-0DS80-0AA0</b>		1	1 unit	41J
 3SU1950-0DT80-0AA0	<b>Locking device for selectors</b> Short/long actuator, window from center to right, blocked on left	22	Metal	Silver	<b>3SU1950-0DT80-0AA0</b>		1	1 unit	41J
 3SU1950-0DU80-0AA0	<b>Locking device for selectors</b> Short/long actuator, window from center to left, blocked on right	22	Metal	Silver	<b>3SU1950-0DU80-0AA0</b>		1	1 unit	41J
 3SU1950-0DV80-0AA0	<b>Locking device with cover</b>	22	Metal	Silver	<b>3SU1950-0DV80-0AA0</b>		1	1 unit	41J

#### Selection and ordering data

Multi-unit packaging, see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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mm

#### Sealing plugs<sup>1)</sup>

	22	Plastic	Black	<b>3SU1900-0FA10-0AA0</b>		1	5 units	41J
		Metal, shiny	Silver	<b>3SU1950-0FA80-0AA0</b>		1	5 units	41J
	30	Metal, matte	Sand gray	<b>3SU1960-0FA80-0AA0</b>		1	1 unit	41J

3SU1900-0FA10-0AA0



3SU1950-0FA80-0AA0

<sup>1)</sup> The sealing plug is mounted with a holder. Modules might already be mounted on the holder.

Product version	Mounting diameter	Accessory material	Accessory color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
-----------------	-------------------	--------------------	-----------------	-----------------	-------------------	-----	----

mm

#### USB-A connections

	USB 3.0	22	Plastic	Black	<b>3SU1900-0GA10-0AA0</b>		1	1 unit	41J
			Metal, shiny	Silver	<b>3SU1950-0GA80-0AA0</b>		1	1 unit	41J
		30	Metal, matte	Sand gray	<b>3SU1960-0GA80-0AA0</b>		1	1 unit	41J

3SU1900-0GA10-0AA0



3SU1960-0GA80-0AA0

#### RJ45 connections

	RJ45 Cat. 5e	22	Plastic	Black	<b>3SU1900-0GB10-0AA0</b>		1	1 unit	41J
			Metal, shiny	Silver	<b>3SU1950-0GB80-0AA0</b>		1	1 unit	41J
		30	Metal, matte	Sand gray	<b>3SU1960-0GB80-0AA0</b>		1	1 unit	41J

3SU1900-0GB10-0AA0



3SU1950-0GB80-0AA0

\* You can order this quantity or a multiple thereof. Illustrations are approximate

**Commanding and signaling devices**

SIRIUS ACT pushbuttons and indicator lights

Accessories

**Actuators**

Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Buttons, flat<sup>1)</sup></b>						
<b>For pushbuttons</b>						
 3SU1900-OFT20-0AA0	Plastic	Black	<b>3SU1900-OFT10-0AA0</b>	100	10 units	41J
		Red	<b>3SU1900-OFT20-0AA0</b>	100	10 units	41J
		Yellow	<b>3SU1900-OFT30-0AA0</b>	100	10 units	41J
		Green	<b>3SU1900-OFT40-0AA0</b>	100	10 units	41J
		Blue	<b>3SU1900-OFT50-0AA0</b>	100	10 units	41J
		White	<b>3SU1900-OFT60-0AA0</b>	100	10 units	41J
<b>For illuminated pushbuttons</b>						
 3SU1901-OFT30-0AA0	Plastic	Amber	<b>3SU1901-OFT00-0AA0</b>	100	10 units	41J
		Red	<b>3SU1901-OFT20-0AA0</b>	100	10 units	41J
		Yellow	<b>3SU1901-OFT30-0AA0</b>	100	10 units	41J
		Green	<b>3SU1901-OFT40-0AA0</b>	100	10 units	41J
		Blue	<b>3SU1901-OFT50-0AA0</b>	100	10 units	41J
		White	<b>3SU1901-OFT60-0AA0</b>	100	10 units	41J
		Clear	<b>3SU1901-OFT70-0AA0</b>	100	10 units	41J
	<b>Buttons, raised<sup>1)</sup></b>					
<b>For pushbuttons</b>						
 3SU1900-OFS30-0AA0	Plastic	Black	<b>3SU1900-OFS10-0AA0</b>	1	10 units	41J
		Red	<b>3SU1900-OFS20-0AA0</b>	1	10 units	41J
		Yellow	<b>3SU1900-OFS30-0AA0</b>	1	10 units	41J
		Green	<b>3SU1900-OFS40-0AA0</b>	1	10 units	41J
<b>For illuminated pushbuttons</b>						
 3SU1901-OFS40-0AA0	Plastic	Red	<b>3SU1901-OFS20-0AA0</b>	1	10 units	41J
		Yellow	<b>3SU1901-OFS30-0AA0</b>	1	10 units	41J
		Green	<b>3SU1901-OFS40-0AA0</b>	1	10 units	41J
		Blue	<b>3SU1901-OFS50-0AA0</b>	1	10 units	41J
		Clear	<b>3SU1901-OFS70-0AA0</b>	1	10 units	41J

<sup>1)</sup> Buttons are not interchangeable between pushbuttons and illuminated pushbuttons with a raised front ring and with a raised, castellated front ring.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

**Actuators**

	Material	Key number	Version of RFID coding	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
<b>RONIS keys</b>										
	Metal	SB30 <sup>1)</sup>	--	Silver	<b>3SU1950-0FB80-0AA0</b>		1	1 unit	41J	
		455					1	1 unit	41J	
3SU1950-0FB80-0AA0										
<b>O.M.R. keys</b>										
	Metal	73038	--	Blue	<b>3SU1950-0FJ50-0AA0</b>		1	1 unit	41J	
		73037		Red			1	1 unit	41J	
		73034		Black			1	1 unit	41J	
		73033		Yellow			1	1 unit	41J	
3SU1950-0FJ50-0AA0										
<b>Siemens keys, C<sup>2)</sup></b>										
	Metal	LSG1	--	Silver	<b>3SU1950-0FN80-0AA0</b>		1	1 unit	41J	
		S-10-CG <sup>1)3)</sup>					<b>3SU1950-0FP80-0AA0</b>	1	1 unit	41J
		VL5					<b>3SU1950-0FQ80-0AA0</b>	1	1 unit	41J
3SU1950-0FP80-0AA0										
<b>Siemens keys, B<sup>4)</sup></b>										
	Metal	S1 <sup>1)</sup>	--	Silver	<b>3SU1950-0FD80-0AA0</b>		1	1 unit	41J	
3SU1950-0FD80-0AA0										
<b>ID keys ID group individual</b>										
	Plastic	--	Individually coded, programmable several times	White	<b>3SU1900-0FU60-0AA0</b>		1	1 unit	41J	
3SU1900-0FU60-0AA0										
<b>ID keys</b>										
	Plastic	--	ID group 1	Green	<b>3SU1900-0FV40-0AA0</b>		1	1 unit	41J	
			ID group 2	Yellow			1	1 unit	41J	
			ID group 3	Red			1	1 unit	41J	
			ID group 4	Blue			1	1 unit	41J	
3SU1900-0FV40-0AA0										

<sup>1)</sup> Also available with special lock. Add "-Z" and the order code "Y04" to the article number and specify the required lock in plain text. Additional price on request.

<sup>2)</sup> Siemens, C lock (compatible with CES locks).

<sup>3)</sup> S-10-CG (compatible with SSG10 lock).

<sup>4)</sup> Siemens, B lock (compatible with BKS locks).

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Enclosures

#### Overview

The accessories can be used for plastic and metal enclosures.

#### Selection and ordering data

Product version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Metric cable glands</b>							
 3SU1900-0HG10-0AA0	<b>M20 for round cable and enclosure</b> With 1 to 3 command points	Plastic	Black	<b>3SU1900-0HG10-0AA0</b>	1	1 unit	41J
	<b>M25 for round cable and enclosure</b> With 4 and 6 command points	Plastic	Black	<b>3SU1900-0HH10-0AA0</b>	1	1 unit	41J
	<b>M20 for round cable and AS-i enclosure</b> With 1 to 3 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	<b>3SU1900-0JA10-0AA0</b>	1	1 unit	41J
	<b>M25 for round cable and AS-i enclosure</b> With 4 and 6 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	<b>3SU1900-0JB10-0AA0</b>	1	1 unit	41J
	<b>M20 for round cable and IO-Link enclosure</b> With 1 to 3 command points with 10-pole plug-in connector for IO-Link	Plastic	Black	<b>3SU1900-0JC10-0AA0</b>	1	1 unit	41J
	<b>M25 for round cable and IO-Link enclosure</b> With 4 and 6 command points with 10-pole plug-in connector for IO-Link	Plastic	Black	<b>3SU1900-0JD10-0AA0</b>	1	1 unit	41J
	<b>M20 for AS-i shaped cable and AS-i enclosure</b> With 1 to 3 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	<b>3SU1900-0HE10-0AA0</b>	1	1 unit	41J
	<b>M25 for AS-i shaped cable and AS-i enclosure</b> With 4 and 6 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	<b>3SU1900-0HF10-0AA0</b>	1	1 unit	41J
<b>Connection pieces</b>							
 3SU1900-0JQ10-0AA0	<b>M20/M20, M20/M25, M25/M25 cable entry</b> For connecting two enclosures, plastic or metal	Plastic	Black	<b>3SU1900-0JQ10-0AA0</b>	1	1 unit	41J

Product version	Material	Color	Insulation piercing method	 PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		
<b>Adapters for AS-i shaped cable</b>						
	M20 cable entry	Plastic	Black	<b>3SU1900-0HX10-0AA0</b>	1	1 unit 41J
	M25 cable entry	Plastic	Black	<b>3SU1900-0HY10-0AA0</b>	1	1 unit 41J
<b>Adapters for tab connection</b>						
<b>Adapters, M12 plug</b>						
	M20/M25 cable entry					
	4-pole	Plastic	Black	<b>3SU1900-0JJ10-0AA0</b>	1	1 unit 41J
	5-pole	Plastic	Black	<b>3SU1900-0JK10-0AA0</b>	1	1 unit 41J
	8-pole	Plastic	Black	<b>3SU1900-0JL10-0AA0</b>	1	1 unit 41J
3SU1900-0JJ10-0AA0						
<b>Adapters, M12 socket</b>						
	M20/M25 cable entry					
	4-pole	Plastic	Black	<b>3SU1900-0JM10-0AA0</b>	1	1 unit 41J
	5-pole	Plastic	Black	<b>3SU1900-0JN10-0AA0</b>	1	1 unit 41J
	8-pole	Plastic	Black	<b>3SU1900-0JP10-0AA0</b>	1	1 unit 41J
3SU1900-0JM10-0AA0						
<b>Adapters for enclosures with one command point</b>						
	Between top and lower part of plastic enclosures, for installation of 2-pole or two 1-pole contact modules with front plate mounting and ID key-operated switch. Not suitable for 3SU1801-1AA00-1AA1 enclosures.	Plastic	Black	<b>3SU1900-0JF10-0AA0</b>	1	1 unit 41J
3SU1900-0JF10-0AA0						
<b>Adapters for modules with base mounting</b>						
	Without fixing screws	Plastic	Black	<b>3SU1900-0JG10-0AA0</b>	1	1 unit 41J
3SU1900-0JG10-0AA0						
<b>Enclosures cover monitoring<sup>1)</sup></b>						
	Module with extension plunger	Plastic	Black	<b>3SU1900-0HM10-0AA0</b>	1	1 unit 41J
3SU1900-0HM10-0AA0						

<sup>1)</sup> In addition, a 3SU1400-2AA10-.BA0 contact module is required.

## Commanding and signaling devices

### SIRIUS ACT pushbuttons and indicator lights

#### Accessories

#### Miscellaneous accessories

#### Selection and ordering data

Product designation Product version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Miscellaneous accessories</b>							
 3SU1900-0KA10-0AA0	<b>Holders for printed circuit board</b>	Plastic	Black	<b>3SU1900-0KA10-0AA0</b>	100	10 units	41J
 3SU1900-0CK10-0AA0	<b>Pressure plates for selectors and locks</b>	Plastic	White	<b>3SU1900-0CK10-0AA0</b>	100	10 units	41J
 3SU1900-0KG10-0AA0	<b>Extension plunger</b> For compensation of the clearance between the pushbutton and the resetting plunger of an overload relay	Plastic	Gray	<b>3SU1900-0KG10-0AA0</b>	1	1 unit	41J
 3SU1950-0JE80-0AA0	<b>Strut profile mounting adapter</b>	Metal	Sand gray	<b>3SU1950-0JE80-0AA0</b>	1	1 unit	41J
 3RK1901-3QA00	<b>Cable clips for cable adapters</b> For enclosure with AS-Interface shaped cable	Plastic	Black	<b>3RK1901-3QA00</b>	100	10 units	42C
 3SU1900-0KS10-0AA0	<b>Replacement connectors for communications module</b> • 4-pole for 3SU1401-2EE.0-6AA0 and 3SU1400-2EA10-6AA0  • 7-pole for 3SU1400-.E.10-6AA0 and 3SU1400-.H.10-6AA0	Plastic	Black	<b>3SU1900-0KS10-0AA0</b>	1	2 units	41J
 3SU1900-0KT10-0AA0				<b>3SU1900-0KT10-0AA0</b>	1	10 units	41J

## Miscellaneous accessories

Multi-unit packaging,  
see page 13/17.

Product designation	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Miscellaneous accessories</b>							
 3SU1900-0KH80-0AA0	Plastic	Black	<b>3SU1900-0KH80-0AA0</b>		1	1 unit	41J
 3SU1950-0KJ80-0AA0	Metal	Silver	<b>3SU1950-0KJ80-0AA0</b>		1	1 unit	41J
 3SU1950-0KB10-0AA0	Metal, shiny	Silver	<b>3SU1950-0KB10-0AA0</b>		1	1 unit	41J
	Metal, matte	Sand gray	<b>3SU1960-0KB10-0AA0</b>		1	1 unit	41J
<b>Grounding screws for holders</b>							
 3SU1910-0KK80-0AA0	For grounding metal actuators for fitting in front plates made of non-conducting materials						
	Metal	Silver	<b>3SU1910-0KK80-0AA0</b>		100	50 units	41J
 3SU1950-0KK80-0AA0	For holders, 4x, metal (3SU1550-0BA10-0AA0)						
	Metal	Silver	<b>3SU1950-0KK80-0AA0</b>		100	50 units	41J
<b>Flat ribbon cables</b>							
 3SU1900-0KP80-0AA0	7 cores						
	Plastic	Gray	<b>3SU1900-0KQ80-0AA0</b>		1	1 unit	41J
	Plastic	Gray	<b>3SU1900-0KP80-0AA0</b>		1	1 unit	41J

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

### General data

#### Overview

##### More information

SiePortal, see [www.siemens.com/product\\_catalog\\_siep?3SB2](http://www.siemens.com/product_catalog_siep?3SB2)

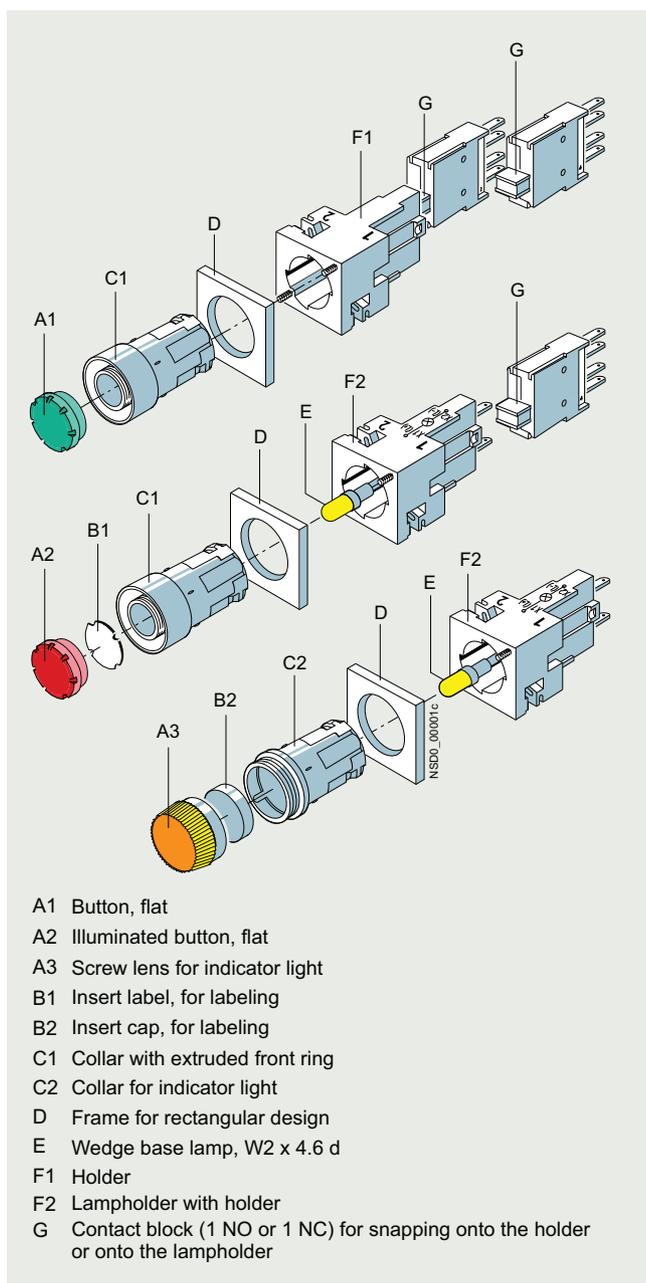
Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758221>

The 3SB2 pushbuttons and indicator lights are provided for front plate mounting and rear connection with flat connectors. For use on printed circuit boards, contact blocks and lampholders with solder pins are also available.

#### Standards

IEC 60947-1,  
IEC 60947-5-1,  
IEC 60947-5-5 for EMERGENCY-STOP mushroom pushbuttons

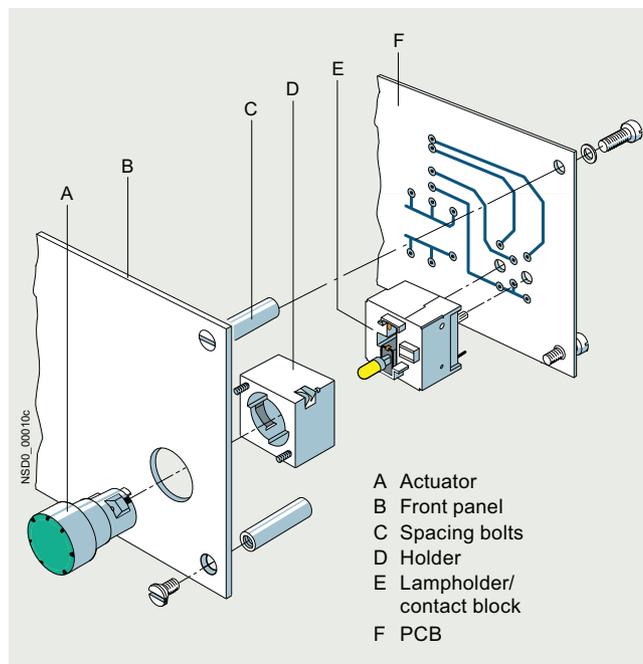
#### Version with flat connector



3SB2 pushbuttons and indicator lights

#### PCB mounting

For use on printed circuit boards, special contact blocks and lampholders for soldering into the printed circuit board are available. For this purpose, the contact blocks and lampholders are fitted with solder pins 0.8 mm x 0.8 mm in thickness and 3.5 mm in length.



3SB2 pushbuttons with solder pins

#### Connection methods



Flat connectors



Solder pin connections

The connection method is indicated in the corresponding tables by the symbols shown on orange backgrounds.

#### Application

The devices are climate-proof and suitable for marine applications.

#### Safety EMERGENCY STOP according to ISO 13850

For controls according to IEC 60204-1, the mushroom pushbuttons of the 3SB2 series are suitable for use as a safety EMERGENCY STOP.

#### Safety circuits

Standard IEC 60947-5-1 requires positive opening of the NC contacts. This means that, for the purpose of personal safety, the reliable opening of NC contacts in all safety circuits is expressly prescribed for the electrical equipment of machines and is designated according to IEC 60947-5-1 with the symbol

PL e according to ISO 13849-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding fail-safe evaluation units are selected and correctly installed, e.g. the 3SK safety relays (see page 11/1 onwards) or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

## Commanding and signaling devices

### SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

#### General data

#### Technical specifications

Type	3SB2	
<b>Contact blocks and lampholders</b>		
<b>Standards</b>		IEC 60947-5-1 IEC 60947-5-5
<b>Rated insulation voltage <math>U_i</math></b>	V	250
<b>Conventional thermal current <math>I_{th}</math></b>	A	10
<b>Rated operational currents <math>I_e</math> at rated operational voltage <math>U_e</math></b>		
• Alternating current AC-12 - At $U_e = 24 \dots 230$ V	A	10
• Alternating current AC-15 - At $U_e = 24 \dots 230$ V	A	4
• Direct current DC-12 - At $U_e = 24$ V - At $U_e = 60$ V - At $U_e = 110$ V - At $U_e = 230$ V	A A A A	6 5 2.5 1
• Direct current DC-13 - At $U_e = 24$ V - At $U_e = 60$ V - At $U_e = 110$ V - At $U_e = 230$ V	A A A A	3 1.5 0.7 0.3
<b>Contact reliability</b>		
• Test voltage/test current	V/mA	5/1
<b>Lamps</b>		
• Bases		Wedge base W2 x 4.6 d
• Rated voltage	V	6, 12, 24, 30, 48, 60
• Rated power, max.	W	1
<b>Short-circuit protection</b> weld-free according to IEC 60947-5-1		
• DIAZED fuse links, utilization category gG		10 A TDz, 16 A Dz
• Miniature circuit breaker with C characteristic according to IEC 60898		10 A
<b>Electrical endurance</b>		
• For utilization category AC-15 with 3RT contactors	Operating cycles	$10 \times 10^6$
<b>Mechanical endurance</b>	Operating cycles	$10 \times 10^6$
<b>Degree of protection</b> according to IEC 60529		
• Connection of contact blocks and lampholders behind the front plate		IP00
• Contact chambers of the contact blocks behind the front plate		IP40
<b>Finger protection</b> according to IEC 60529 and DGUV Regulation 3		With voltages > 50 V AC or 120 V DC, insulating sleeves must be fitted to the unassigned flat connectors.
<b>Data according to UL and CSA</b>		
<b>Rated voltage</b>		
• Contact blocks	V	250 AC
• Indicator lights (lamp with wedge base W2 x 4.6 d)	V	60; 1 W
<b>Uninterrupted current</b>	A	5
<b>Switching capacity</b>		B 300, R 300
<b>Actuating and signaling elements</b>		
<b>Mechanical endurance</b>		
• Pushbuttons	Operating cycles	$10 \times 10^6$
• Actuators, rotary or latching	Operating cycles	$3 \times 10^5$
• Illuminated pushbuttons	Operating cycles	$3 \times 10^6$
<b>Climatic withstand capability</b>		Climate-proof; suitable for marine applications
<b>Ambient temperature</b>		
• During operation, non-illuminated devices and complete with LED	°C	-25 ... +70
• During operation, devices with incandescent lamp	°C	-25 ... +60
• During storage, transport	°C	-40 ... +80
<b>Degree of protection</b> according to IEC 60529		
• Actuators and indicators		IP65
• Actuators and indicators with protective cap		IP67
<b>Protective measures</b>		
• For mounting in metal front plates and enclosures		The actuators and lens assemblies must not be included in the protective measures.
• For mounting into enclosures with total insulation		The protective measure "Total insulation" is retained.
<b>Shock resistance</b> according to IEC 60068-2-27		
• Shock amplitude	g	≤ 50
• Shock duration	ms	11
• Shock form		Half-sine

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

### General data

#### Configuration

##### Design

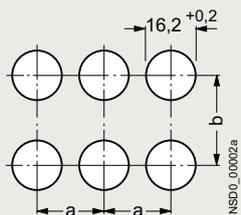
Two design versions can be mounted:

- Round design: The 3SB2 pushbuttons and indicator lights consist of the actuator, holder, contact block and lampholders. Depending on the specific application, various versions can be assembled. Complete units are offered for the most commonly used applications.
- Rectangular design: With rectangular, black frames the round units can be given a rectangular look. The frames are inserted underneath the round actuators. Further mounting is the same as for the round version.

Mounting and fixing:

Mounting dimensions according to EN 50007

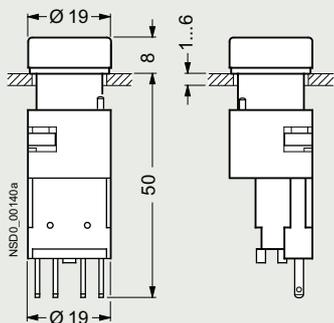
(does not apply to EMERGENCY-STOP mushroom pushbuttons):



Minimum clearance	a	b
Round design	19	19
Rectangular design without labeling plate	21	21
Round and rectangular design with labeling plate	21	32
For 2 selector switches and 3 switching positions, latching, side by side	21	21

For mounting, the actuator or the lens assembly is inserted from the front into the hole in the front plate. Four small nubs ensure a secure fitting in the hole. The holder is plugged on from the back and snaps automatically into place. The module is fixed to the holder with two screws so that it is immune to vibrations.

One or two contact blocks can be mounted on the holder. They are inserted into the holder with slide slots and held down with two snap brackets.



Pushbutton (flat) with holder and contact block

If a command point is fitted with an indicator light or illuminated pushbutton, a lamp socket with lampholder must be used instead of a holder. It is suitable for incandescent lamps or LEDs with bases of type W2 x 4.6 d.

#### PCB mounting

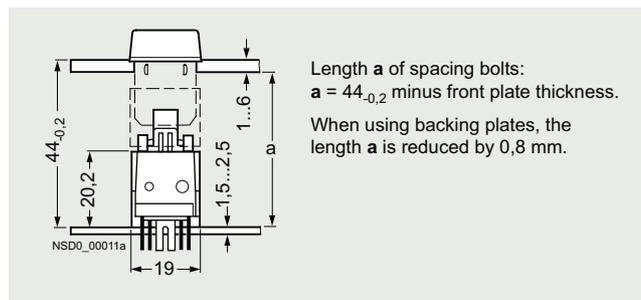
The command point comprises the actuator, e.g. 3SB2 pushbutton, illuminated pushbutton or indicator light, which is mounted in the front plate, as well as contact blocks and lampholders, which are soldered into the printed circuit board. For this purpose, the contact blocks and lampholders are fitted with solder pins 0.8 mm x 0.8 mm in thickness and 3.5 mm in length.

Mounting and fixing:

Mounting dimensions according to EN 50007

The actuators are mounted in the same way as 3SB2 front plate mounting devices.

The contact blocks and lampholders are plugged into the printed circuit board by means of their solder pins and can be flow-soldered. After soldering, the devices must be flush with the board and perpendicular to it. The printed circuit board must be supported on spacing bolts so that it cannot bend more than 0.1 mm.



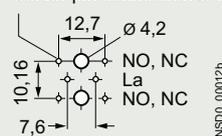
Illuminated pushbutton with solder pin connection

To avoid bending the PCB when the commanding device is operated, sufficient spacing bolts must be provided as shown in the table below:

PCB thickness	Max. distance between spacing bolts
1.5 mm	80 mm
2.5 mm	150 mm
When using EMERGENCY-STOP buttons	Always 50 mm

These details are based on printed circuit boards made of epoxy resin glass fiber mat.

#### Solder pin connection $\varnothing 1,3^{+0,1}$



Solder pin spacing

## Commanding and signaling devices

### SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Complete units

## Selection and ordering data

Version	Contact blocks	Color of actuator	Flat connectors	Price per PU	PU (UNIT, SET, M)	PS*	PG
 3SB2202-0AE01	<b>Pushbuttons with flat button</b>		1 NO Black	<b>3SB2202-0AB01</b>	1	1 unit	41J
			1 NC Black	<b>3SB2203-0AB01</b>	1	1 unit	41J
			1 NC Red	<b>3SB2203-0AC01</b>	1	1 unit	41J
			1 NO Yellow	<b>3SB2202-0AD01</b>	1	1 unit	41J
			1 NO Green	<b>3SB2202-0AE01</b>	1	1 unit	41J
			1 NO Blue	<b>3SB2202-0AF01</b>	1	1 unit	41J
			1 NO White	<b>3SB2202-0AG01</b>	1	1 unit	41J
			1 NO Clear <sup>1)</sup>	<b>3SB2202-0AH01</b>	1	1 unit	41J
	<b>Illuminated pushbuttons with flat button</b>		1 NC Red	<b>3SB2207-0AC01</b>	1	1 unit	41J
	Lampholder W2 x 4.6 d without lamp <sup>2)</sup>		1 NO Yellow <sup>1)</sup>	<b>3SB2206-0AD01</b>	1	1 unit	41J
		1 NO Green	<b>3SB2206-0AE01</b>	1	1 unit	41J	
		1 NO Blue	<b>3SB2206-0AF01</b>	1	1 unit	41J	
		1 NO Clear <sup>1)</sup>	<b>3SB2206-0AH01</b>	1	1 unit	41J	
<b>Illuminated pushbuttons with flat button</b>		1 NC Red	<b>3SB2227-0AC01</b>	1	1 unit	41J	
Lampholder W2 x 4.6 d with 24 V incandescent lamp		1 NO Yellow <sup>1)</sup>	<b>3SB2226-0AD01</b>	1	1 unit	41J	
		1 NO Green	<b>3SB2226-0AE01</b>	1	1 unit	41J	
		1 NO Blue	<b>3SB2226-0AF01</b>	1	1 unit	41J	
		1 NO Clear <sup>1)</sup>	<b>3SB2226-0AH01</b>	1	1 unit	41J	
 3SB2207-0LC01	<b>Pushbuttons with raised button</b>		1 NO Black	<b>3SB2202-0LB01</b>	1	1 unit	41J
			1 NC Red	<b>3SB2203-0LC01</b>	1	1 unit	41J
			1 NO Yellow	<b>3SB2202-0LD01</b>	1	1 unit	41J
			1 NO Blue	<b>3SB2202-0LF01</b>	1	1 unit	41J
			1 NO Clear <sup>1)</sup>	<b>3SB2202-0LH01</b>	1	1 unit	41J
	<b>Illuminated pushbuttons with raised button</b>		1 NC Red	<b>3SB2207-0LC01</b>	1	1 unit	41J
	Lampholder W2 x 4.6 d without lamp <sup>2)</sup>		1 NO Yellow <sup>1)</sup>	<b>3SB2206-0LD01</b>	1	1 unit	41J
			1 NO Green	<b>3SB2206-0LE01</b>	1	1 unit	41J
			1 NO Blue	<b>3SB2206-0LF01</b>	1	1 unit	41J
			1 NO Clear <sup>1)</sup>	<b>3SB2206-0LH01</b>	1	1 unit	41J
<b>Illuminated pushbuttons with raised button</b>		1 NC Red	<b>3SB2227-0LC01</b>	1	1 unit	41J	
Lampholder W2 x 4.6 d with 24 V incandescent lamp		1 NO Yellow <sup>1)</sup>	<b>3SB2226-0LD01</b>	1	1 unit	41J	
		1 NO Green	<b>3SB2226-0LE01</b>	1	1 unit	41J	
		1 NO Blue	<b>3SB2226-0LF01</b>	1	1 unit	41J	
		1 NO Clear <sup>1)</sup>	<b>3SB2226-0LH01</b>	1	1 unit	41J	
 3SB2203-1AC01	<b>EMERGENCY-STOP mushroom pushbutton according to ISO 13850, latching<sup>3)</sup></b>		1 NC  Red	<b>3SB2203-1AC01</b>	1	1 unit	41J
Latches automatically when pressed; unlatches by turning the mushroom head counterclockwise, with yellow backing plate with inscription "NOT-HALT"							

 Positive opening according to IEC 60947-5-1, Annex K. Can be used with 3SK safety relays, see page 11/1 onwards. Certificate:



<sup>1)</sup> Inscription with insert labels is possible.

<sup>2)</sup> Wedge base lamps, see Accessories, page 13/156.

<sup>3)</sup> The mushroom pushbutton cannot be combined with 3SB2902-0AB backing plate or 3SB2902-0AA single frame.

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

### Complete units

Version	Contact blocks	Color of actuator	Flat connectors		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			
 3SB2202-2AC01	<b>Selectors,</b> <b>2 switch positions</b> Switching sequence O-I, actuating angle 62°, latching	1 NO 1 NO 1 NO 1 NO	Black Red Green White	<b>3SB2202-2AB01</b> <b>3SB2202-2AC01</b> <b>3SB2202-2AE01</b> <b>3SB2202-2AG01</b>	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
	<b>Selectors,</b> <b>3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 62°, latching	1 NO, 1 NO 1 NO, 1 NO 1 NO, 1 NO 1 NO, 1 NO	Black Red Green White	<b>3SB2210-2DB01</b> <b>3SB2210-2DC01</b> <b>3SB2210-2DE01</b> <b>3SB2210-2DG01</b>	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
	<b>Selectors,</b> <b>3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact	1 NO, 1 NO 1 NO, 1 NO 1 NO, 1 NO 1 NO, 1 NO	Black Red Green White	<b>3SB2210-2EB01</b> <b>3SB2210-2EC01</b> <b>3SB2210-2EE01</b> <b>3SB2210-2EG01</b>	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
							

Version	Contact blocks	Lock No.	Key removal position	Flat connectors		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
 3SB2202-4LB01	<b>CES key-operated switches<sup>1)</sup>,</b> <b>2 switch positions</b> Switching sequence O-I, actuating angle 62°, latching	1 NO 1 NO	SB2 SB2	O O + I	<b>3SB2202-4LA01</b> <b>3SB2202-4LB01</b>	1 1	1 unit 1 unit	41J 41J
	<b>CES key-operated switches<sup>1)</sup>,</b> <b>3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 62°, latching	1 NO, 1 NO, 1 NO, 1 NO	SB2 SB2	O I + O + II	<b>3SB2210-4PA01</b> <b>3SB2210-4PB01</b>	1 1	1 unit 1 unit	41J 41J
	<b>CES key-operated switch<sup>1)</sup>,</b> <b>3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact	1 NO, 1 NO	SB2	O	<b>3SB2210-4QA01</b>	1	1 unit	41J
								

<sup>1)</sup> Also available with additional locking systems. The article number must be supplemented with "-Z", the order code "Y01" and the required lock number.

Version	Color of screw lens	Flat connectors		PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU			
 3SB2224-6BE06	<b>Indicator lights</b> Lampholder W2 x 4.6 d without lamp <sup>1)</sup>	Red Yellow Green White Clear	<b>3SB2204-6BC06</b> <b>3SB2204-6BD06</b> <b>3SB2204-6BE06</b> <b>3SB2204-6BG06</b> <b>3SB2204-6BH06</b>	1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J
	<b>Indicator lights</b> Lampholder W2 x 4.6 d with 24 V incandescent lamp	Red Yellow Green White Clear	<b>3SB2224-6BC06</b> <b>3SB2224-6BD06</b> <b>3SB2224-6BE06</b> <b>3SB2224-6BG06</b> <b>3SB2224-6BH06</b>	1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J

<sup>1)</sup> Wedge base lamps, see [Accessories](#), page 13/156.

\* You can order this quantity or a multiple thereof.  
Illustrations are approximate

## Commanding and signaling devices

### SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

#### Actuating and signaling elements

#### Selection and ordering data

Version	Color of actuator	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Pushbuttons

 3SB2000-0AF01	<b>Pushbuttons with flat button</b>	Black	<b>3SB2000-0AB01</b>	1	1 unit	41J
		Red	<b>3SB2000-0AC01</b>	1	1 unit	41J
		Yellow	<b>3SB2000-0AD01</b>	1	1 unit	41J
		Green	<b>3SB2000-0AE01</b>	1	1 unit	41J
		Blue	<b>3SB2000-0AF01</b>	1	1 unit	41J
		White	<b>3SB2000-0AG01</b>	1	1 unit	41J
		Clear <sup>1)</sup>	<b>3SB2000-0AH01</b>	1	1 unit	41J
 3SB2000-0LF01	<b>Illuminated pushbuttons with flat button</b>	Red	<b>3SB2001-0AC01</b>	1	1 unit	41J
		Yellow <sup>1)</sup>	<b>3SB2001-0AD01</b>	1	1 unit	41J
		Green	<b>3SB2001-0AE01</b>	1	1 unit	41J
		Blue	<b>3SB2001-0AF01</b>	1	1 unit	41J
		Clear <sup>1)</sup>	<b>3SB2000-0AH01</b>	1	1 unit	41J
 3SB2000-0LB01	<b>Pushbuttons with raised button</b>	Black	<b>3SB2000-0LB01</b>	1	1 unit	41J
		Red	<b>3SB2000-0LC01</b>	1	1 unit	41J
		Yellow	<b>3SB2000-0LD01</b>	1	1 unit	41J
		Blue	<b>3SB2000-0LF01</b>	1	1 unit	41J
		White	<b>3SB2000-0LG01</b>	1	1 unit	41J
		Clear <sup>1)</sup>	<b>3SB2000-0LH01</b>	1	1 unit	41J
		 3SB2000-0LC01	<b>Illuminated pushbuttons with raised button</b>	Red	<b>3SB2001-0LC01</b>	1
Yellow <sup>1)</sup>	<b>3SB2001-0LD01</b>			1	1 unit	41J
Green	<b>3SB2001-0LE01</b>			1	1 unit	41J
Blue	<b>3SB2001-0LF01</b>			1	1 unit	41J
Clear <sup>1)</sup>	<b>3SB2000-0LH01</b>			1	1 unit	41J
 3SB2000-1AC01	<b>EMERGENCY-STOP mushroom pushbutton according to ISO 13850, latching<sup>2)</sup></b> Latches automatically when pressed; unlatches by turning the mushroom head counterclockwise	Red	<b>3SB2000-1AC01</b>	1	1 unit	41J

<sup>1)</sup> Inscription with insert labels is possible.

<sup>2)</sup> The mushroom pushbutton cannot be combined with 3SB2902-0AB backing plate or 3SB2902-0AA single frame.

Version	Color of actuator	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Selectors

 3SB2000-2AB01	<b>Selectors with 2 switch positions</b> Switching sequence O-I, actuating angle 62°, latching		Black	<b>3SB2000-2AB01</b>	1	1 unit	41J
		Red	<b>3SB2000-2AC01</b>	1	1 unit	41J	
		Green	<b>3SB2000-2AE01</b>	1	1 unit	41J	
		White	<b>3SB2000-2AG01</b>	1	1 unit	41J	
 3SB2000-2BB01	<b>Selectors with 2 switch positions</b> Switching sequence O-I, actuating angle 50°, momentary contact (reset from the right)		Black	<b>3SB2000-2BB01</b>	1	1 unit	41J
		Red	<b>3SB2000-2BC01</b>	1	1 unit	41J	
		Green	<b>3SB2000-2BE01</b>	1	1 unit	41J	
 3SB2000-2HB01	<b>Selectors with 2 switch positions</b> Switching sequence O-I, actuating angle 90°, latching		Black	<b>3SB2000-2HB01</b>	1	1 unit	41J
		Red	<b>3SB2000-2HC01</b>	1	1 unit	41J	
		Green	<b>3SB2000-2HE01</b>	1	1 unit	41J	
		White	<b>3SB2000-2HG01</b>	1	1 unit	41J	
 3SB2000-2DB01	<b>Selectors with 3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 62°, latching		Black	<b>3SB2000-2DB01</b>	1	1 unit	41J
		Red	<b>3SB2000-2DC01</b>	1	1 unit	41J	
		Green	<b>3SB2000-2DE01</b>	1	1 unit	41J	
		White	<b>3SB2000-2DG01</b>	1	1 unit	41J	
 3SB2000-2EB01	<b>Selectors with 3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact		Black	<b>3SB2000-2EB01</b>	1	1 unit	41J
		Red	<b>3SB2000-2EC01</b>	1	1 unit	41J	
		Green	<b>3SB2000-2EE01</b>	1	1 unit	41J	
		White	<b>3SB2000-2EG01</b>	1	1 unit	41J	
 3SB2000-2JB01	<b>Selector with 3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 90°, latching		Black	<b>3SB2000-2JB01</b>	1	1 unit	41J

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

### Actuating and signaling elements

Version	Lock No.	Key removal position	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
<b>Key-operated switches</b>								
 3SB2000-4LB01	<b>CES key-operated switches<sup>1)</sup> with 2 keys, 2 switch positions</b> Switching sequence O-I, actuating angle 62°, latching		SB2	O+I O	<b>3SB2000-4LB01</b> <b>3SB2000-4LA01</b>	1 1	1 unit 1 unit	41J 41J
	<b>CES key-operated switch<sup>1)</sup> with 2 keys, 2 switch positions</b> Switching sequence O-I, actuating angle 50°, momentary contact		SB2	O	<b>3SB2000-4MA01</b>	1	1 unit	41J
	<b>CES key-operated switches<sup>1)</sup> with 2 keys, 3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 62°, latching		SB2	I+O+II O I	<b>3SB2000-4PB01</b> <b>3SB2000-4PA01</b> <b>3SB2000-4PC01</b>	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
	<b>CES key-operated switch<sup>1)</sup> with 2 keys, 3 switch positions</b> Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact		SB2	O	<b>3SB2000-4QA01</b>	1	1 unit	41J

<sup>1)</sup> Also available with additional locking systems. The article number must be supplemented with "-Z", the order code "Y01" and the required lock number.

Version	Color of screw lens	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Indicator lights</b>						
 3SB2001-6BD06	<b>Indicator lights with concentric rings</b> (Inscription with insert caps is not possible)	Red	<b>3SB2001-6BC06</b>	1	1 unit	41J
		Yellow	<b>3SB2001-6BD06</b>	1	1 unit	41J
		Green	<b>3SB2001-6BE06</b>	1	1 unit	41J
		Blue	<b>3SB2001-6BF06</b>	1	1 unit	41J
		White	<b>3SB2001-6BG06</b>	1	1 unit	41J
		Clear	<b>3SB2001-6BH06</b>	1	1 unit	41J
	<b>Indicator lights, smooth</b> For inscription with insert caps <sup>1)</sup>	Red	<b>3SB2001-6CC06</b>	1	1 unit	41J
		Yellow	<b>3SB2001-6CD06</b>	1	1 unit	41J
		Green	<b>3SB2001-6CE06</b>	1	1 unit	41J
		Blue	<b>3SB2001-6CF06</b>	1	1 unit	41J
		Clear	<b>3SB2001-6CH06</b>	1	1 unit	41J

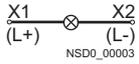
<sup>1)</sup> Insert caps, see Accessories, page 13/153.

Selection and ordering data

Version	Graphic symbols	Operating travel	Flat connectors	PU (UNIT, SET, M)	PS*	PG
		 Contact closed  Contact open				
			Article No.	Price per PU		

Contact blocks and lampholders with flat connectors 2 x 2.8 - 0.8 mm according to IEC 60760

Holder for fixing the actuator and the contact blocks						
 3SB2908-0AA	<b>Holders for 2 contact blocks</b>	--	--	<b>3SB2908-0AA</b>	1	5 units 41J
	Inscription with identification number 1-2					

Lampholders with holder for fixing the actuator and the contact blocks						
 3SB2304-2A	<b>Lampholder</b> W2 x 4.6 d without lamp <sup>1)</sup>		--	<b>3SB2304-2A</b>	1	1 unit 41J
	<b>Lampholders</b> W2 x 4.6 d		--	<b>3SB2304-2F</b>	1	1 unit 41J
	• With 6 V incandescent lamp			<b>3SB2304-2H</b>	1	1 unit 41J
	• With 24 V incandescent lamp					

Contact blocks for fixing in the holder or lampholder						
 3SB2404-0B	<b>Contact blocks with one contact<sup>2)</sup></b> 1 NO			<b>3SB2404-0B</b>	1	1 unit 41J
	1 NC			<b>3SB2404-0C</b>	1	1 unit 41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



<sup>1)</sup> Wedge base lamps, see page 13/156.  
<sup>2)</sup> Plug-in and insulating sleeves, see page 13/157.

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

### Contact blocks and lampholders

Version	Graphic symbols	Operating travel	Solder pin connections	PU (UNIT, SET, M)	PS*	PG
		 Contact closed  Contact open				
			Article No.	Price per PU		

#### Contact blocks and lampholders with solder pins



3SB2908-0AB

**Holders for contact block with solder pins**  
For mounting the actuators in the front panel

**Lampholder**  
Wedge base W2 x 4.6 d without lamp<sup>1)</sup>



**3SB2908-0AB** 1 5 units 41J

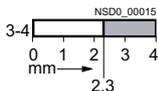
**3SB2455-2A** 1 1 unit 41J



3SB2455-0B

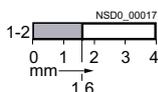
#### Contact blocks

1 NO



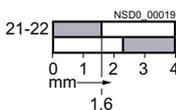
**3SB2455-0B** 1 1 unit 41J

1 NC



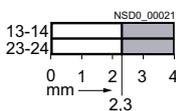
**3SB2455-0C** 1 1 unit 41J

1 NO + 1 NC



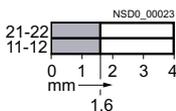
**3SB2455-0J** 1 1 unit 41J

1 NO + 1 NO



**3SB2455-0E** 1 1 unit 41J

1 NC + 1 NC



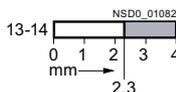
**3SB2455-0F** 1 1 unit 41J



3SB2455-1B

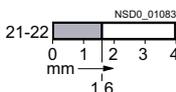
#### Contact blocks and lampholders, wedge base W2 x 4.6 d without lamp<sup>1)</sup>

1 NO



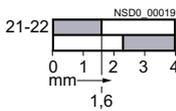
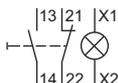
**3SB2455-1B** 1 1 unit 41J

1 NC



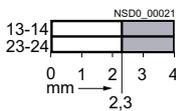
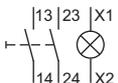
**3SB2455-1C** 1 1 unit 41J

1 NO + 1 NC



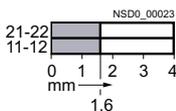
**3SB2455-1J** 1 1 unit 41J

1 NO + 1 NO



**3SB2455-1E** 1 1 unit 41J

1 NC + 1 NC



**3SB2455-1F** 1 1 unit 41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



<sup>1)</sup> Wedge base lamps, see page 13/156.

## Commanding and signaling devices

### SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

#### Accessories and spare parts

#### Insert labels and insert caps

#### Overview

Clear pushbuttons, illuminated pushbuttons and indicator lights can be fitted with insert labels and caps for identification purposes.

The insert labels and insert caps are made of a milky-transparent plastic with black lettering; they can be fitted in any 90° angle.

#### Inscription

The inscriptions have upper case initial letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options](#), page 13/154.

#### Selection and ordering data

Inscription/symbol	Symbol No.	Insert labels For pushbuttons and illuminated pushbuttons, flat	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
<b>For self-inscription</b>					
 3SB2901-4AA	Blank	--	<b>3SB2901-4AA</b>	100 10 units	41J
<b>With inscription</b>					
 3SB2901-4AB	Ein	--	<b>3SB2901-4AB</b>	100 10 units	41J
	Aus	--	<b>3SB2901-4AC</b>	100 10 units	41J
	Auf	--	<b>3SB2901-4AD</b>	100 10 units	41J
	Ab	--	<b>3SB2901-4AE</b>	100 10 units	41J
	Vor	--	<b>3SB2901-4AF</b>	100 10 units	41J
 3SB2901-4EB	Zurück	--	<b>3SB2901-4AG</b>	100 10 units	41J
	Rechts	--	<b>3SB2901-4AH</b>	100 10 units	41J
	Links	--	<b>3SB2901-4AJ</b>	100 10 units	41J
	Halt	--	<b>3SB2901-4AK</b>	100 10 units	41J
	Zu	--	<b>3SB2901-4AL</b>	100 10 units	41J
	Langsam	--	<b>3SB2901-4AN</b>	100 10 units	41J
	Störung	--	<b>3SB2901-4AQ</b>	100 10 units	41J
	On	--	<b>3SB2901-4EB</b>	100 10 units	41J
	Start	--	<b>3SB2901-4EK</b>	100 10 units	41J
	Stop	--	<b>3SB2901-4EL</b>	100 10 units	41J
Reset	--	<b>3SB2901-4EM</b>	100 10 units	41J	
Test	--	<b>3SB2901-4EN</b>	100 10 units	41J	
	0	--	<b>3SB2901-4RA</b>	100 10 units	41J
	1	--	<b>3SB2901-4RB</b>	100 10 units	41J
	2	--	<b>3SB2901-4RC</b>	100 10 units	41J
	3	--	<b>3SB2901-4RD</b>	100 10 units	41J
	4	--	<b>3SB2901-4RE</b>	100 10 units	41J
	5	--	<b>3SB2901-4RF</b>	100 10 units	41J
	6	--	<b>3SB2901-4RG</b>	100 10 units	41J
	7	--	<b>3SB2901-4RH</b>	100 10 units	41J
	8	--	<b>3SB2901-4RJ</b>	100 10 units	41J
	9	--	<b>3SB2901-4RK</b>	100 10 units	41J
<b>Graphic ON/OFF symbols</b>					
	O (Off)		5008 IEC	<b>3SB2901-4MB</b>	100 10 units 41J
	I (On)		5007 IEC	<b>3SB2901-4MC</b>	100 10 units 41J
	II (On)		--	<b>3SB2901-4MD</b>	100 10 units 41J

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

### Insert labels and insert caps

Inscription/symbol	Symbol No.	Insert labels For pushbuttons and illuminated pushbuttons, flat	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
<b>Graphic equipment symbols</b>					
 3SB2901-4PA	Electric motor	 0011 ISO	<b>3SB2901-4PA</b>	100	10 units 41J
	Horn	 5014 IEC	<b>3SB2901-4PB</b>	100	10 units 41J
	Pump	 0134 ISO	<b>3SB2901-4PD</b>	100	10 units 41J
	Coolant pump	 0355 ISO	<b>3SB2901-4PE</b>	100	10 units 41J
<b>Graphic motion symbols</b>					
 3SB2901-4NA	Motion in direction of arrow (straight)	 5022 IEC	<b>3SB2901-4NA</b>	100	10 units 41J
	Motion in direction of arrow (diagonal)	 --	<b>3SB2901-4NB</b>	100	10 units 41J
	Clockwise rotation	 0004 ISO	<b>3SB2901-4NC</b>	100	10 units 41J
	Counterclockwise rotation	 --	<b>3SB2901-4ND</b>	100	10 units 41J
	Fast motion	 0266 ISO	<b>3SB2901-4NE</b>	100	10 units 41J
	Increase (plus)	 5005 IEC	<b>3SB2901-4NG</b>	100	10 units 41J
	Decrease (minus)	 5006 IEC	<b>3SB2901-4MC</b>	100	10 units 41J
<b>Graphic control symbols</b>					
 3SB2901-4QK	Clamp	 --	<b>3SB2901-4QB</b>	100	10 units 41J
	Release	 --	<b>3SB2901-4QC</b>	100	10 units 41J
	Release brake	 0021 ISO	<b>3SB2901-4QE</b>	100	10 units 41J
	Lock	 0022 ISO	<b>3SB2901-4QF</b>	100	10 units 41J
	Unlock	 0023 ISO	<b>3SB2901-4QG</b>	100	10 units 41J
	On/Off, momentary contact	 5011 IEC	<b>3SB2901-4QJ</b>	100	10 units 41J
	Manual operation	 0096 ISO	<b>3SB2901-4QK</b>	100	10 units 41J
	Automatic sequence	 0017 ISO	<b>3SB2901-4QL</b>	100	10 units 41J
<b>Customized inscriptions</b>					
	<b>Inscription of choice</b> (see Options, page 13/154) 1 line of text with up to 6 characters with 3 mm font height. Please add the appropriate order code to the article number and specify the line of text required.		<b>3SB2901-4AZ</b> <b>K0Y</b> <b>K1Y or K2Y</b>	1	1 unit 41J 1 unit 41J
	<b>Other graphic symbols</b> Please add the order code "K3Y" to the article number and specify the serial number and the applied standard (ISO 7000 or IEC 60417).		<b>3SB2901-4AZ</b> <b>K3Y</b>	1	1 unit 41J
	<b>Any inscription or symbol</b> Please add the order code "K9Y" to the article number and specify the inscription or the symbol required.		<b>3SB2901-4AZ</b> <b>K9Y</b>	1	1 unit 41J

## Commanding and signaling devices

### SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

#### Accessories and spare parts

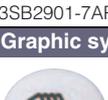
#### Insert labels and insert caps

Inscription/symbol	Symbol No.	Insert caps For pushbuttons and illuminated pushbuttons, raised Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>For self-inscription</b>						
 3SB2901-5AA	Blank	--	<b>3SB2901-5AA</b>	100	10 units	41J
<b>With inscription</b>						
 3SB2901-5EB	On	--	<b>3SB2901-5EB</b>	100	10 units	41J
	Aus	--	<b>3SB2901-5AC</b>	100	10 units	41J
	Auf	--	<b>3SB2901-5AD</b>	100	10 units	41J
	Zu	--	<b>3SB2901-5AL</b>	100	10 units	41J
 3SB2901-5AC	0	--	<b>3SB2901-5RA</b>	100	10 units	41J
	1	--	<b>3SB2901-5RB</b>	100	10 units	41J
	2	--	<b>3SB2901-5RC</b>	100	10 units	41J
	3	--	<b>3SB2901-5RD</b>	100	10 units	41J
	4	--	<b>3SB2901-5RE</b>	100	10 units	41J
	5	--	<b>3SB2901-5RF</b>	100	10 units	41J
	6	--	<b>3SB2901-5RG</b>	100	10 units	41J
	7	--	<b>3SB2901-5RH</b>	100	10 units	41J
	8	--	<b>3SB2901-5RJ</b>	100	10 units	41J
9	--	<b>3SB2901-5RK</b>	100	10 units	41J	
<b>Graphic ON/OFF symbols</b>						
	O (Off)		5008 IEC	<b>3SB2901-5MB</b>	100	10 units 41J
	I (On)		5007 IEC	<b>3SB2901-5MC</b>	100	10 units 41J
<b>Graphic motion symbols</b>						
 3SB2901-5NA	Motion in direction of arrow		5022 IEC	<b>3SB2901-5NA</b>	100	10 units 41J
	Motion in direction of arrow		--	<b>3SB2901-5NB</b>	100	10 units 41J
	Increase (plus)		5005 IEC	<b>3SB2901-5NG</b>	100	10 units 41J
	Decrease (minus)		5006 IEC	<b>3SB2901-5MC</b>	100	10 units 41J
<b>Graphic control symbols</b>						
	Clamp		--	<b>3SB2901-5QB</b>	100	10 units 41J
	Release		--	<b>3SB2901-5QC</b>	100	10 units 41J
<b>Customized inscriptions</b>						
	<b>Inscription of choice</b> (see Options, page 13/154) 1 line of text with up to 6 characters with 3 mm font height. Please add the appropriate order code to the article number and specify the line of text required.		<b>3SB2901-5AZ</b>			
			<b>K0Y</b>	1	1 unit	41J
			<b>K1Y or K2Y</b>	1	1 unit	41J
	<b>Other graphic symbols</b> Please add the order code "K3Y" to the article number and specify the serial number and the applied standard (ISO 7000 or IEC 60417).		<b>3SB2901-5AZ</b>			
			<b>K3Y</b>	1	1 unit	41J
	<b>Any inscription or symbol</b> Please add the order code "K9Y" to the article number and specify the inscription or the symbol required.		<b>3SB2901-5AZ</b>			
			<b>K9Y</b>	1	1 unit	41J

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm  
Accessories and spare parts

### Insert labels and insert caps

Inscription/symbol	Symbol No.	Insert caps For indicator lights		PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU			
<b>For self-inscription</b>						
 Blank	--	<b>3SB2901-7AA</b>		100	10 units	41J
<b>With inscription</b>						
 Betrieb	--	<b>3SB2901-7AP</b>		100	1 unit	41J
 Störung	--	<b>3SB2901-7AQ</b>		100	10 units	41J
<b>Graphic symbols</b>						
 Pump	0134 ISO	<b>3SB2901-7PD</b>		100	10 units	41J
 Manual operation	0096 ISO	<b>3SB2901-7QK</b>		100	10 units	41J
<b>Customized inscriptions</b>						
<b>Inscription of choice</b> (see Options) 1 line of text with up to 6 characters with 3 mm font height. Please add the appropriate order code to the article number and specify the line of text required.		<b>3SB2901-7AZ</b> <b>K0Y</b> <b>K1Y or K2Y</b>		1	1 unit	41J
<b>Other graphic symbols</b> Please add the order code "K3Y" to the article number and specify the serial number and the applied standard (ISO 7000 or IEC 60417).		<b>3SB2901-7AZ</b> <b>K3Y</b>		1	1 unit	41J
<b>Any inscription or symbol</b> Please add the order code "K9Y" to the article number and specify the inscription or the symbol required.		<b>3SB2901-7AZ</b> <b>K9Y</b>		1	1 unit	41J

### Options

#### Customized inscriptions

Labels and caps can be inscribed with text and symbols not listed in the ordering data. Add one of the following order codes to the article number:

- Text line in upper/lower case, always upper case for beginning of line (e.g. "Lift"): **K0Y**
- Text line in upper case (e.g. "LIFT"): **K1Y**
- Text line in lower case (e.g. "lift"): **K2Y**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the article number and order code. In the case of custom inscriptions with words in languages other than German, give the exact spelling and specify the language.

One line with up to 6 characters with 3 mm font height is possible for the inscription (see ordering example 1).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see ordering examples 2 and 3).

For special symbols (order code K9Y), a CAD drawing in DXF format can be submitted.

#### Ordering example 1

3SB2901-4AZ  
K1Y  
Z1=Pump

#### Ordering example 2

3SB2901-4AZ  
K3Y  
Z=5008 IEC

#### Ordering example 3

3SB2901-4AZ  
K3Y  
Z=1118 ISO

## Commanding and signaling devices

### SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

#### Accessories and spare parts

#### Backing plates

#### Overview

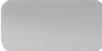
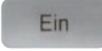
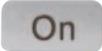
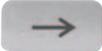
The backing plates consist of a black plastic label holder and a labeling plate (silver with black print) for sticking in place.

Note mounting dimensions!

#### Inscription

The inscriptions (also custom inscriptions) are in lower case with upper case initial letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417. For customized inscriptions, see [Options](#).

#### Selection and ordering data

Inscription/symbol	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Labeling plates, self-adhesive, 9.5 mm x 18.5 mm</b>						
 3SB2901-2AA	Blank	--		100	10 units	41J
 3SB2901-2AB	Ein	--		100	10 units	41J
	Aus	--		100	10 units	41J
	Auf	--		100	10 units	41J
	Zu	--		100	10 units	41J
	Vor	--		100	10 units	41J
 3SB2901-2EB	Zurück	--		100	10 units	41J
	Schnell	--		100	10 units	41J
	Langsam	--		100	10 units	41J
	Betrieb	--		100	10 units	41J
	Störung	--		100	10 units	41J
 3SB2901-2BA	Einrichten	--		100	10 units	41J
	On	--		100	10 units	41J
	Off	--		100	10 units	41J
	Start	--		100	10 units	41J
	Reset	--		100	10 units	41J
 3SB2901-2NA	Fault	--		100	10 units	41J
	Hand Auto	--		100	10 units	41J
	Hand O Auto	--		100	10 units	41J
	Man O Auto	--		100	10 units	41J
	<b>Graphic symbols</b>					
	O (Off)	5008 IEC		100	10 units	41J
	I (On)	5007 IEC		100	10 units	41J
	O I (horizontal)	--		100	10 units	41J
	Motion in direction of arrow	5002 IEC		100	10 units	41J
	<b>Customized inscriptions or symbols (see Options)</b>	--				
			3SB2901-2XZ			
			K0Y	1	10 units	41J
			K1Y, K2Y or K3Y	1	10 units	41J
 3SB2902-0AB			K9Y	1	10 units	41J
	<b>Label holder for labeling plate</b>	--	3SB2902-0AB	100	10 units	41J
	The label holders must not be used with the 3SB2...-1AC01 EMERGENCY-STOP mushroom pushbutton.					

#### Options

##### Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data. Add one of the following order codes to the article number:

- Text line(s) in upper/lower case, always upper case for beginning of line (e.g. "Lift off"): **K0Y**
- Text line(s) in upper case (e.g. "LIFT OFF"): **K1Y**
- Text line(s) in lower case (e.g. "lift off"): **K2Y**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbols according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the article number and order code. In the case of custom inscriptions with words in languages other than German, give the exact spelling and specify the language.

Two lines of 11 characters each are permitted with 4 mm font height (1 line) or 3 mm (2 lines).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see [ordering example](#)).

For special symbols (order code K9Y), a CAD drawing in DXF format can be submitted.

##### Ordering example

3SB2901-2XZ  
K3Y  
Z=1118 ISO

## Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

### Mounting parts and components

#### Selection and ordering data

Version	Lamp voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V							
<b>Buttons and lenses<sup>1)</sup></b>							
 3SB2910-0AF	<b>Buttons, flat</b> For pushbuttons	--	Black	<b>3SB2910-0AB</b>		100 10 units	41J
		--	Red	<b>3SB2910-0AC</b>		100 10 units	41J
		--	Yellow	<b>3SB2910-0AD</b>		100 10 units	41J
		--	Green	<b>3SB2910-0AE</b>		100 10 units	41J
		--	Blue	<b>3SB2910-0AF</b>		100 10 units	41J
		--	White	<b>3SB2910-0AG</b>		100 10 units	41J
		--	Clear	<b>3SB2910-0AH</b>		100 10 units	41J
 3SB2910-0CF	<b>Buttons, flat</b> For illuminated pushbuttons	--	Red	<b>3SB2910-0CC</b>		100 10 units	41J
		--	Yellow	<b>3SB2910-0CD</b>		100 10 units	41J
		--	Green	<b>3SB2910-0CE</b>		100 10 units	41J
		--	Blue	<b>3SB2910-0CF</b>		100 10 units	41J
		--	White	<b>3SB2910-0CG</b>		100 10 units	41J
		--	Clear	<b>3SB2910-0CH</b>		100 10 units	41J
 3SB2910-0BD	<b>Buttons, raised</b> For pushbuttons	--	Black	<b>3SB2910-0BB</b>		1 10 units	41J
		--	Red	<b>3SB2910-0BC</b>		1 10 units	41J
		--	Yellow	<b>3SB2910-0BD</b>		1 10 units	41J
		--	Blue	<b>3SB2910-0BF</b>		1 10 units	41J
		--	Clear	<b>3SB2910-0BH</b>		1 10 units	41J
 3SB2910-0DD	<b>Buttons, raised</b> For illuminated pushbuttons	--	Red	<b>3SB2910-0DC</b>		1 10 units	41J
		--	Yellow	<b>3SB2910-0DD</b>		1 10 units	41J
		--	Blue	<b>3SB2910-0DF</b>		1 10 units	41J
		--	Clear	<b>3SB2910-0DH</b>		1 10 units	41J
 3SB2910-1AD	<b>Screw lenses</b> With concentric rings	--	Red	<b>3SB2910-1AC</b>		100 10 units	41J
		--	Yellow	<b>3SB2910-1AD</b>		100 10 units	41J
		--	Green	<b>3SB2910-1AE</b>		100 10 units	41J
		--	Blue	<b>3SB2910-1AF</b>		100 10 units	41J
		--	White	<b>3SB2910-1AG</b>		100 10 units	41J
		--	Clear	<b>3SB2910-1AH</b>		100 10 units	41J
 3SB2910-1BE	<b>Screw lenses</b> Smooth, for inscription with insert cap	--	Red	<b>3SB2910-1BC</b>		100 10 units	41J
		--	Yellow	<b>3SB2910-1BD</b>		100 10 units	41J
		--	Green	<b>3SB2910-1BE</b>		100 10 units	41J
		--	Blue	<b>3SB2910-1BF</b>		100 10 units	41J
		--	White	<b>3SB2910-1BG</b>		100 10 units	41J
		--	Clear	<b>3SB2910-1BH</b>		100 10 units	41J
<b>Keys for actuators</b>							
 3SB2908-2AJ	<b>Key</b> For CES key-operated switch, Lock No. SB2	--	--	<b>3SB2908-2AJ</b>		1 1 unit	41J
<b>Lamps, wedge bases<sup>2)</sup></b>							
 3SB2908-1AE	<b>Incandescent lamps</b> Wedge base W2 x 4.6 d, 1.0 W	AC/DC	Clear	<b>3SB2908-1AA</b>		100 10 units	41J
		6		<b>3SB2908-1AB</b>		100 10 units	41J
		12		<b>3SB2908-1AC</b>		100 10 units	41J
		24		<b>3SB2908-1AD</b>		100 10 units	41J
		30		<b>3SB2908-1AE</b>		1 10 units	41J
		48		<b>3SB2908-1AF</b>		1 10 units	41J
 3SB3901-1SB	<b>LED lamps, super-bright</b> Wedge base W2 x 4.6 d	24 AC/DC	Red	<b>3SB3901-1SB</b>		1 10 units	41J
			Yellow	<b>3SB3901-1RB</b>		1 10 units	41J
			Green	<b>3SB3901-1TB</b>		1 10 units	41J
			White	<b>3SB3901-1UB</b>		1 10 units	41J
			Blue	<b>3SB2908-1BD</b>		1 10 units	41J
 3SB2908-1BD		28 AC/DC	Red	<b>3SB3901-1SE</b>		1 10 units	41J
			Yellow	<b>3SB3901-1RE</b>		1 10 units	41J
			Green	<b>3SB3901-1TE</b>		1 10 units	41J
			White	<b>3SB3901-1UE</b>		1 10 units	41J
			Blue	<b>3SB3901-1VE</b>		1 10 units	41J
 3SB2908-2AB	<b>Lamp extractor</b> For lamps with base W2 x 4.6 d	--	--	<b>3SB2908-2AB</b>		1 1 unit	41J

<sup>1)</sup> Included in the scope of supply of actuators or indicator lights.

<sup>2)</sup> Included in the scope of supply of some complete units.

## Commanding and signaling devices

### SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

#### Accessories and spare parts

#### Mounting parts and components

Version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Accessories for command points</b>					
 3SB2902-0AA	<b>Single frames</b> For square design <sup>1)</sup>	<b>3SB2902-0AA</b>	100	10 units	41J
 3SB2908-2AG	<b>Backing plates, yellow, Ø 50 mm</b> As high-contrast background for EMERGENCY STOP, self-adhesive • Without inscription • With German inscription "NOT-HALT" • With German inscription "NOT-AUS"	<b>3SB2908-2AF</b> <b>3SB2908-2AG</b> <b>3SB2908-2AK</b>	1	1 unit	41J
 3SB2908-3AA	<b>Sealing plug</b> Plastic, black (degree of protection IP65)	<b>3SB2908-3AA</b>	1	1 unit	41J
 3SB2908-3AB	<b>Protective cap, clear</b> Silicone, for pushbuttons with flat and raised buttons	<b>3SB2908-3AB</b>	1	1 unit	41J
<b>Flat connectors</b>					
 3SB2908-8AA	<b>Plug-in sleeves</b> For flat connectors 2.8 x 0.8 mm, cross-section 0.5 ... 1.5 mm <sup>2</sup>	<b>3SB2908-8AA</b>	100	250 units	41J
 3SB2908-8AB	<b>Insulating sleeves</b> For flat connectors, attachable from the front	<b>3SB2908-8AB</b>	100	250 units	41J
 3SB2908-8AD	<b>Complete connector<sup>2)</sup></b> For connecting contact blocks and lampholders (up to 10 connections) Ensures finger protection according to IEC 60529 and DGUV Regulation 3	<b>3SB2908-8AD</b>	1	1 unit	41J
 3SB2908-8AE	<b>Plug-in sleeves</b> For flat connectors 2.8 x 0.8 mm, with latch spring for latching into complete connector	<b>3SB2908-8AE</b>	100	10 units	41J
<b>Tools</b>					
 3SB2908-2AA	<b>Dismantling tool</b> For holders and lampholders with holder	<b>3SB2908-2AA</b>	1	1 unit	41J
 3SB2908-2AC	<b>Mounting tool</b> For buttons and screw lenses	<b>3SB2908-2AC</b>	1	1 unit	41J
 6179 0950	<b>Crimping tool for non-insulated connections, type KRB 0560<sup>3)</sup></b> For plug-in sleeves (both versions)	<b>6179 0950</b>			

<sup>1)</sup> Not suitable for EMERGENCY-STOP mushroom pushbuttons.

<sup>2)</sup> Required 3SB2908-8AE plug-in sleeves for flat connectors 2.8 x 0.8 mm are not included in the scope of supply.

<sup>3)</sup> Crimping tool available from: Lapp Kabel, Stuttgart, Germany (see page 16/18).

## Commanding and signaling devices

### SIRIUS 3SE71 cable-operated switches

#### Metal enclosures

#### Overview



3SE71 cable-operated switches

#### More information

Homepage, see [www.siemens.com/sirius-command](http://www.siemens.com/sirius-command)  
 SiePortal, see [www.siemens.com/product\\_catalog\\_siep?3SE71](http://www.siemens.com/product_catalog_siep?3SE71)  
 Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758224>  
 Brochure, see <https://info.siemens.com/viewer/b9b2fb3be4c8d847b0feba2835d43004>

The cable-operated switches are used for monitoring or as EMERGENCY-STOP devices on particularly endangered system components.

If the cable-operated switch and cable system is to function properly, the steel cable, cable clamps, thimbles and eyebolts

for the basic equipment must be ordered separately (see page 13/163).

As the effective range of a cable-operated switch is only limited by the length of the trip-wire, large systems can also be protected. Cable-operated switches (requiring pulling at both ends) are used primarily for monitoring very long belt systems.

#### Contact blocks

The switches for cable lengths up to 50 m are supplied with 1 NO + 1 NC, 2 NC, or 1 NO + 2 NC contacts and those up to 75 m with 1 NO + 3 NC contacts. The switches for cable lengths of 2 x 100 m are supplied with 2 NO + 2 NC contacts.

The NC contacts for cable-break or cable-pull signaling are positive-opening. The NO contact can be used, for example, for signaling purposes.

#### Readiness for use and display

Cable-operated switches with one-sided operation are made ready for use by pre-tensioning the turnbuckle.

On switches with interlocking, with a pre-tensioned cable, the locking must be deactivated beforehand in order to return the cable-operated switch to its original position.

Some versions are supplied with a factory-fitted LED (red, 24 V DC). This light in innovative chip-on-board technology allows the operating state of the switch to be visible at a distance of at least 50 m.

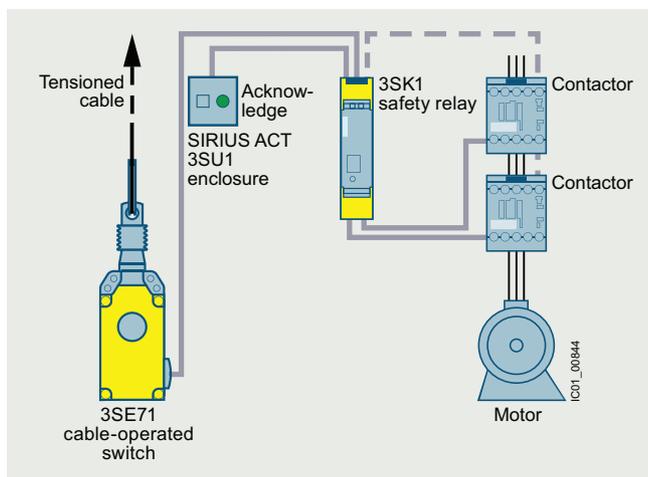
#### Application

##### Standards

The switches are equipped with latching mechanism and positive-opening NC contacts and are thus suitable for operation in EMERGENCY-STOP devices according to standard ISO 13850.

##### Application examples

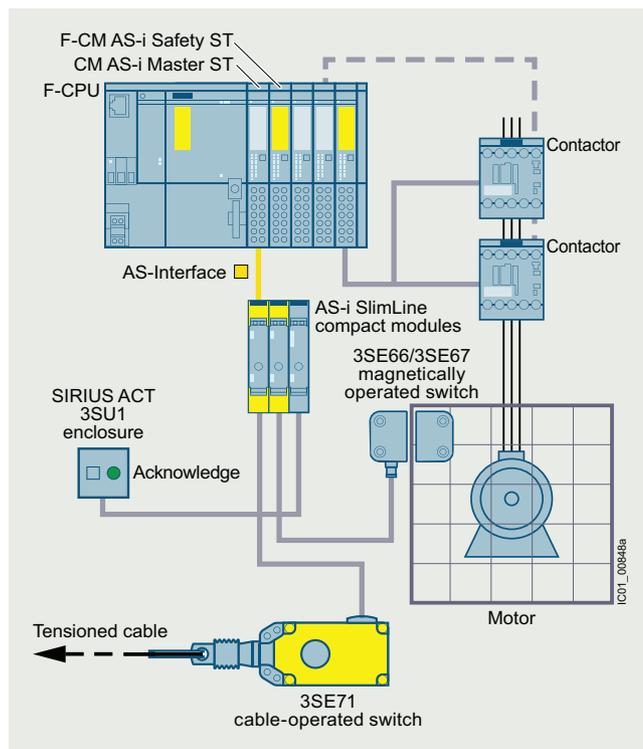
###### Example 1



Design of a safety application with a SIRIUS 3SE71 cable-operated switch and a 3SK1 safety relay

For a detailed description of this example of how cable-operated switches can achieve different SIL/PL levels, see <https://support.industry.siemens.com/cs/ww/en/view/109738710>.

###### Example 2



Protective door monitoring using a 3SE66/3SE67 non-contact safety switch (magnetically operated switch) and EMERGENCY-STOP shutdown using 3SE71 cable-operated switch up to SIL 3/PL e by means of AS-i ET 200SP Master and AS-i SlimLine compact modules

For a detailed description, see <https://support.industry.siemens.com/cs/ww/en/view/109747653>.

## Commanding and signaling devices

### SIRIUS 3SE71 cable-operated switches

#### Metal enclosures

#### Technical specifications

Type		3SE7120-2	3SE7120-1	3SE7150	3SE7140	3SE7141	3SE7160
<b>General data</b>							
<b>Standards</b>		IEC 60947-5-1, IEC 60204-1, ISO 13850					
<b>Approvals</b>		UL/CSA					
<b>Electrical design</b>		Contacts electrically isolated from each other					
<b>Electrical load</b>		<ul style="list-style-type: none"> <li>• 2-pole, at AC-15</li> <li>• 3-pole, at AC-15</li> <li>• 4-pole, at AC-15</li> <li>• Minimum</li> </ul>					
		400 V AC, 6 A				240 V AC, 2 A	400 V AC, 6 A
		240 V AC, 2 A		--			
		--					400 V AC, 6 A
		24 V AC/DC, 10 mA					
<b>Short-circuit protection</b>	A	6 (slow)					
<b>Mechanical endurance</b>	Operating cycles	1 000 000	100 000				
<b>Contact material</b>		Fine silver					
<b>Operation</b>		By cable pull	By cable pull or cable break				
<b>Cable length, maximum</b>	m	5		20	50	75	2 x 100
<b>Distance between cable supports, max.</b>	m	3			5		4
<b>Enclosures</b>							
<b>Enclosure material</b>		GD Al alloy, coated (color), dark black RAL 9005					
<b>Cover</b>		Impact-resistant thermoplast					Metal
<b>Degree of protection according to IEC 60529<sup>1)</sup></b>		IP65				IP67	IP65
<b>Ambient temperature</b>	°C	-25 ... +70					
<b>Mounting</b>		Designed for M5					
<b>Mounting distance</b>	mm	30 and 40					
<b>Cable entry</b>		2 x (M20 x 1.5)			1 x (M20 x 1.5), 2 x (M25 x 1.5)	3 x (M20 x 1.5)	2 x (M25 x 1.5)
<b>Connection type</b>		Screw terminals M3.5, self-lifting terminal clamp					

<sup>1)</sup> IP54 for versions with key-operated release.

## Commanding and signaling devices

### SIRIUS 3SE71 cable-operated switches

#### Metal enclosures

#### Selection and ordering data

Version	Cable length	Contacts	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
m							
<b>Cable-operated switches for cable-pull and cable-break monitoring</b>							
 3SE7120-2DD01    3SE7120-1BH00	5	<b>Metal enclosures, IP65</b> (cover made of plastic) <ul style="list-style-type: none"> <li>• Without latching (only for cable-pull monitoring):               <ul style="list-style-type: none"> <li>- Spring, 55 N</li> <li>- Spring, 100 N</li> </ul> </li> <li>• With alignment window, with latching and button reset               <ul style="list-style-type: none"> <li>- With yellow cover</li> </ul> </li> </ul>	1 NO + 1 NC →	<b>3SE7120-2DD01</b>	1	1 unit	41K
			1 NO + 1 NC →	<b>3SE7120-2DD01-1AS7</b>	1	1 unit	41K
			2 NC →	<b>3SE7120-1BF00</b>	1	1 unit	41K
			1 NO + 2 NC →	<b>3SE7120-1BH00</b>	1	1 unit	41K
 3SE7150-2DD00    3SE7150-1BH00	20	<b>Metal enclosures, IP65</b> (cover made of plastic), with alignment window <ul style="list-style-type: none"> <li>• Without latching</li> <li>• With latching and button reset               <ul style="list-style-type: none"> <li>- With yellow cover</li> </ul> </li> </ul>	1 NO + 1 NC →	<b>3SE7150-2DD00</b>	1	1 unit	41K
			1 NO + 1 NC →	<b>3SE7150-1BD00</b>	1	1 unit	41K
			2 NC →	<b>3SE7150-1BF00</b>	1	1 unit	41K
			1 NO + 2 NC →	<b>3SE7150-1BH00</b>	1	1 unit	41K
 3SE7150-1BD04    3SE7150-1BH04	20	<b>Metal enclosures, IP65</b> (cover made of plastic), with alignment window, with LED, red, 24 V DC <ul style="list-style-type: none"> <li>• Without latching</li> <li>• With latching and button reset               <ul style="list-style-type: none"> <li>- With yellow cover</li> </ul> </li> </ul>	1 NO + 1 NC →	<b>3SE7150-2DD04</b>	1	1 unit	41K
			1 NO + 1 NC →	<b>3SE7150-1BD04</b>	1	1 unit	41K
			1 NO + 2 NC →	<b>3SE7150-1BH04</b>	1	1 unit	41K
 3SE7140-1BD00	50	<b>Metal enclosures, IP65</b> (cover made of plastic) <ul style="list-style-type: none"> <li>• With latching and button reset</li> <li>• In addition with LED, red, 24 V DC               <ul style="list-style-type: none"> <li>- 1 x M20 x 1.5</li> <li>- 2 x M25 x 1.5</li> </ul> </li> <li>• With latching and key-operated release</li> </ul>	1 NO + 1 NC →	<b>3SE7140-1BD00</b>	1	1 unit	41K
			2 NC →	<b>3SE7140-1BF00</b>	1	1 unit	41K
			1 NO + 1 NC →	<b>3SE7140-1BD04</b>	1	1 unit	41K
			1 NO + 1 NC →	<b>3SE7140-1BD04-1AS6</b>	1	1 unit	41K
			1 NO + 1 NC →	<b>3SE7140-1CD00</b>	1	1 unit	41K
 3SE7141-1EG10    3SE7141-1EG10-OCA1	75	<b>Metal enclosures, IP67</b> (cover made of plastic) <ul style="list-style-type: none"> <li>• With EMERGENCY-STOP mushroom, with rotate to unlatch               <ul style="list-style-type: none"> <li>- With yellow cover</li> </ul> </li> </ul>	1 NO + 3 NC →	<b>3SE7141-1EG10</b>	1	1 unit	41K
			1 NO + 3 NC →	<b>3SE7141-1EG10-OCA1</b>	1	1 unit	41K
 3SE7160-1AE04	2 x 100	<b>Metal enclosures, IP65</b> with actuation on both sides <ul style="list-style-type: none"> <li>• With latching and button reset               <ul style="list-style-type: none"> <li>- With LED, red, 24 V DC</li> </ul> </li> </ul>	2 NO + 2 NC →	<b>3SE7160-1AE00</b>	1	1 unit	41K
			1 NO + 1 NC →	<b>3SE7160-1BD00</b>	1	1 unit	41K
			2 NO + 2 NC →	<b>3SE7160-1AE04</b>	1	1 unit	41K

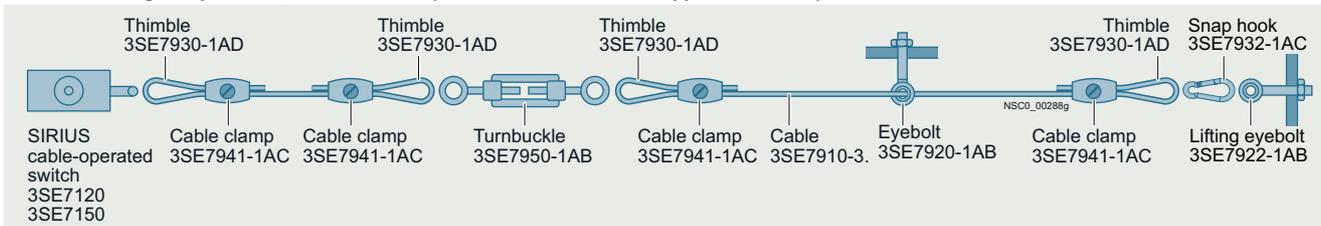
→ Positive opening according to IEC 60947-5-1, Annex K.  
 Can be used with 3SK safety relays, see page 11/1 onwards.  
 Certificate:



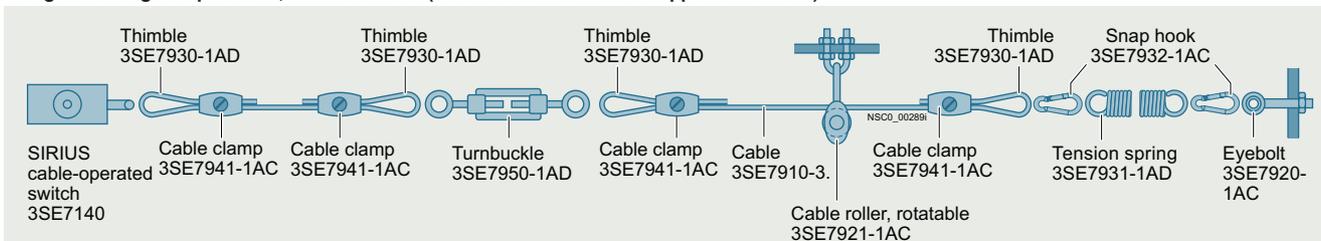
### Overview

#### Examples for Bowden cable mounting

Short cable lengths up to 20 m, 4 mm diameter (distance between cable supports max. 3 m)

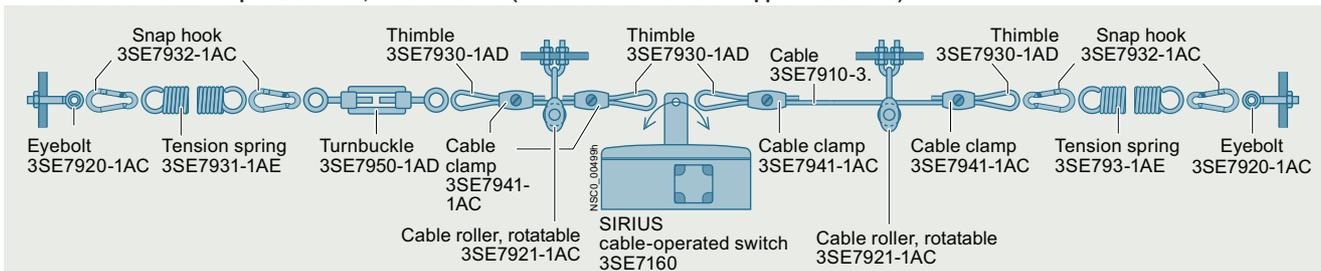


Long cable lengths up to 50 m, 4 mm diameter (distance between cable supports max. 5 m)



Use of a tension spring is essential for cable length  $\geq 20$  m.

Actuation on both sides up to 2 x 100 m, 4 mm diameter (distance between cable supports max. 4 m)



Spring must always be on both sides, as the switch is otherwise not able to be operated.

#### Note:

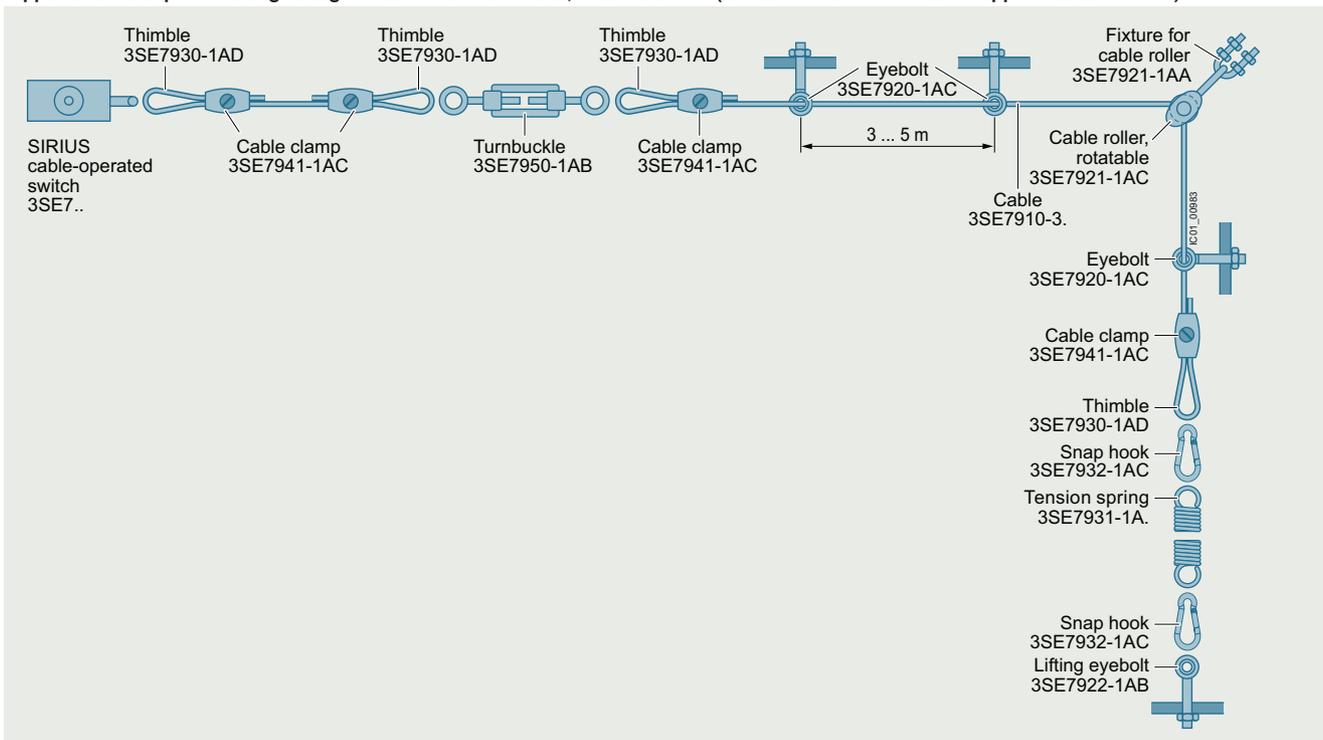
Large temperature fluctuations require corresponding compensation springs. Cable supports must be used at the recommended intervals.

## Commanding and signaling devices

### SIRIUS 3SE71 cable-operated switches

#### Accessories

Application example including change of direction of the cable, 4 mm diameter (distance between the cable supports max. 3 to 5 m)



#### Note:

Large temperature fluctuations require corresponding compensation springs. Cable supports must be used at the recommended intervals.

### Selection and ordering data

The basic equipment for the cable-operated switch and cable system includes: Steel cable, cable clamps, thimbles and eyebolts

Version	Length/ diameter	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Trip-wires with fixing</b>						
	<b>Steel cables</b> With red plastic sheath, 4 mm diameter, including sheath; steel wire 3.2 mm diameter	10 m 15 m 20 m 50 m	<b>3SE7910-3AA</b> <b>3SE7910-3AB</b> <b>3SE7910-3AC</b> <b>3SE7910-3AH</b>	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41K 41K 41K 41K
3SE7910-3AA						
 3SE7941-1AC	<b>Cable clamps</b> , galvanized white, zinc-plated	Ø 4 mm	<b>3SE7941-1AC</b>	1	1 unit	41K
 3SE7942-1AA	• Oval	Ø 4 mm	<b>3SE7942-1AA</b>	1	4 units	41K
 3SE7943-1AC	• Single (1 set = 4 units)	2 x Ø 4 mm	<b>3SE7943-1AC</b>	1	4 units	41K
 3SE7944-1AC	• Simplex (1 set = 4 units)	Ø 4 mm	<b>3SE7944-1AC</b>	1	4 units	41K
	• Duplex (1 set = 4 units)	2 x Ø 4 mm				
	<b>Tension springs</b> (zinc-plated) To maintain the counter tension	--	<b>3SE7931-1AB</b>	1	1 unit	41K
3SE7931-1AB	• 13 N	--	<b>3SE7931-1AD</b>	1	1 unit	41K
	• 35 N, for cable pulls up to 50 m	--	<b>3SE7931-1AE</b>	1	1 unit	41K
	• > 35 N, for cable pulls up to 2 x 75 m	--				
	<b>Cable roller</b> For changing the direction of the cable, rotatable	Ø 4 mm	<b>3SE7921-1AC</b>	1	1 unit	41K
3SE7921-1AC						
	<b>Fixtures for the cable rollers</b> (including fixing nuts)	--	<b>3SE7921-1AA</b>	1	1 unit	41K
3SE7921-1AA						
	<b>Thimbles</b> For changing the direction of the cable and improved power transmission at the fixing points (1 set = 4 units)	Ø 4 mm	<b>3SE7930-1AD</b>	1	4 units	41K
3SE7930-1AD						
	<b>Bolts</b>					
3SE7920-1AB	• Eyebolts for fixing the cable		<b>3SE7920-1AB</b>	1	1 unit	41K
	- Including M8 nut	--	<b>3SE7920-1AC</b>	1	1 unit	41K
	- Including M10 nut	--				
	• Lifting eyebolt, rotated for cable tensioning and low-wear cable routing in the case of frequent pulling		<b>3SE7922-1AB</b>	1	1 unit	41K
3SE7922-1AB	- Including M6 nut	--				
	<b>Turnbuckles</b> For precise adjustment of the pre-tension		<b>3SE7950-1AB</b>	1	1 unit	41K
3SE7950-1AB	• M6 x 60	--	<b>3SE7950-1AD</b>	1	1 unit	41K
	• M6 x 110	--				
	<b>Snap hooks DIN 5299, Form C, 50 mm x 5 mm</b> For easy fastening of the cable to the tension spring, turnbuckle and lifting eyebolt		<b>3SE7932-1AC</b>	1	4 units	41K
3SE7932-1AC	High-grade steel (1 set = 2 units)	--				
<b>Spare parts</b>						
	<b>LED light</b> , red, 24 V DC, 25 mm diameter; for M20 x 1.5 device connection	--	<b>3SX3235</b>	1	1 unit	41K
3SX3235						

## Commanding and signaling devices

### SIRIUS 3SE73 conveyor belt unbalance trackers

#### Metal enclosures

#### Overview



3SE73 conveyor belt unbalance trackers

#### More information

Homepage, see [www.siemens.com/sirius-command](http://www.siemens.com/sirius-command)

SiePortal, see [www.siemens.com/product\\_catalog\\_siep?3SE73](http://www.siemens.com/product_catalog_siep?3SE73)

Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758224>

Brochure, see <https://info.siemens.com/viewer/b9b2fb3be4c8d847b0feba2835d43004>

Conveyor belts may run out of line, causing major damage.

For this reason, conveyor belt unbalance trackers are used to detect belt misalignment and to switch off the belt.

They are actuated by contact of the belt with the roller lever, causing it to swing out when a certain actuating angle is reached.

#### Contact blocks

The conveyor belt unbalance trackers are supplied with 2 NO + 2 NC contacts.

#### Readiness for use and display

One version is supplied with a factory-fitted LED (red, 24 V DC). This light in innovative chip-on-board technology allows the operating state of the switch to be visible at a distance of at least 50 m.

#### Application

##### Switching devices for protection of conveyor systems

Depending on the area of application and industry, the trackers are used on different conveyor belts, while at the same time having to meet safety and ruggedness requirements.

The conveyor belt unbalance tracker monitors the correct running of conveyor belts and thus safeguards the transport process of heavy bulk materials. For larger systems requiring a reliable EMERGENCY-STOP function and cable-break monitoring, 3SE71 cable-operated switches can be used.

The large high-grade steel roller lever of the conveyor belt unbalance tracker swings out if a belt does not move centrally between the rollers and – depending on the integration into the control system – causes a correction of the belt position or the shutdown of the entire system.

#### Selection and ordering data

Version	Contacts	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Conveyor belt unbalance trackers</b>						
 3SE7310-1AE00	<b>Metal enclosures, IP65</b> <ul style="list-style-type: none"> <li>• With latching and button reset</li> </ul>	2 NO + 2 NC ↻		1	1 unit	41K
 3SE7310-1AE04	- With LED, red, 24 V DC	2 NO + 2 NC ↻				

↻ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



## Commanding and signaling devices

### SIRIUS 3SE2, 3SE3 foot switches

#### Plastic and metal enclosures

#### Overview



3SE29 foot switch with metal enclosure

#### More information

Homepage, see [www.siemens.com/sirius-command](http://www.siemens.com/sirius-command)  
 SiePortal, see [www.siemens.com/product\\_catalog\\_siep?3SE2](http://www.siemens.com/product_catalog_siep?3SE2)  
 Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109986949>

#### Standard switches

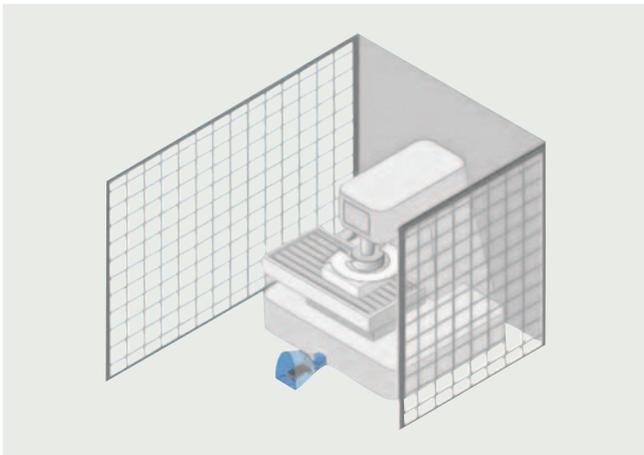
The 3SE29 and 3SE39 foot switch range encompasses versions in a metal enclosure for rugged applications as well as versions with plastic enclosure for less harsh environments. The devices can be supplied with or without a cover and have fixing holes for them to be screwed to the floor.

Depending on the particular application, the metal enclosures can be ordered with contact blocks in latching or momentary-contact versions. The momentary-contact pedal switch in the plastic enclosure has one microswitch (changeover contact) per actuating pedal.

#### Safety foot switches

The 3SE2924-3AA20 1-pedal safety foot switches are used on machines and plants as OK switches when operation by hand is not possible. The switches have an interlocking function.

The safety foot switches are protected by a guard hood against accidental operation.



Application example

The switches have two contact blocks, each with one NO contact and one NC contact. The NO contacts and NC contacts of the two contact blocks are connected in series for easy connection of a 1-phase motor. The normal workflow is initiated by pressing down the pedal as far as the pressure point so that the two NO contacts close and the motor starts to run.

If in the event of danger the pedal is pressed beyond the resistance of the pressure point, the positive-opening NC contacts will open and the motor is stopped. At the same time the independent latching takes effect and holds the NC contacts in open position. This prevents moving machine parts from continuing to run uncontrollably or restarting.

After the hazard is eliminated, the machine can only be restarted after manually releasing the switch using a pushbutton on the top of the enclosure. The contacts are then released again and return to their initial position (the NO contacts are open and the NC contacts are closed).

#### Technical specifications

Type	3SE29	3SE39
<b>Metal and plastic enclosures</b>		
<b>Standards</b>	IEC 60947-5-1	
<b>Electrical load</b>		
• At AC-15, 400 V		
- 1 NO + 1 NC	A 10	--
- 2 NO + 2 NC	A 6	--
- 3SE2924-3AA20 (2 NO + 2 NC)	A 10	--
• At 250 V AC	A --	5
<b>Short-circuit protection</b>		
- 1 NO + 1 NC	A 10 (slow)	--
- 2 NO + 2 NC	A 6 (slow)	--
- 3SE2924-3AA20 (2 NO + 2 NC)	A 10 (slow)	--
- 1 CO	A --	5 (slow)
<b>Mechanical endurance</b>	> 10 <sup>6</sup> operating cycles	
<b>Material</b>		
• Enclosures	Aluminum casting	Impact-resistant thermoplast, self-extinguishing according to UL 94 VO
• Covers	Thermoplast	--
• Guard hoods	Aluminum casting	Metal
<b>Degree of protection</b>	IP65	IP65
<b>Ambient temperature</b>	°C -25 ... +80	-10 ... +75
<b>Connection</b>	Cable entry, metric	AWG20 cable, UL Style 2464, length 3 m

## Commanding and signaling devices

### SIRIUS 3SE2, 3SE3 foot switches

#### Plastic and metal enclosures

#### Selection and ordering data

Version	Slow-action contacts for each pedal	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
<b>Metal enclosures, degree of protection IP65</b>								
 3SE290.-.AA20 3SE291.-.AA20	<b>Momentary-contact foot switches (non-latching), 1-pedal,</b> M20 x 1.5 cable entry							
	<ul style="list-style-type: none"> <li>Without hood</li> </ul>	1 NO + 1 NC → 2 NO + 2 NC →	3SE2902-0AB20 3SE2903-1AB20		1	1 unit	41K	
	<ul style="list-style-type: none"> <li>With hood</li> </ul>	1 NO + 1 NC → 2 NO + 2 NC →	3SE2902-0AA20 3SE2903-1AA20		1	1 unit	41K	
	<b>Foot switches (latching), 1-pedal,</b> M20 x 1.5 cable entry							
	<ul style="list-style-type: none"> <li>Without hood</li> </ul>	1 NO + 1 NC →	3SE2912-2AB20		1	1 unit	41K	
	<ul style="list-style-type: none"> <li>With hood</li> </ul>	1 NO + 1 NC →	3SE2912-2AA20		1	1 unit	41K	
 3SE2932-.AB20	<b>Momentary-contact foot switches (non-latching), 2-pedal,</b> M25 x 1.5 cable entry							
	<ul style="list-style-type: none"> <li>Without hood</li> </ul>	1 NO + 1 NC → 2 NO + 2 NC →	3SE2932-0AB20 3SE2932-1AB20		1	1 unit	41K	
	<ul style="list-style-type: none"> <li>With hood</li> </ul>	1 NO + 1 NC → 2 NO + 2 NC →	3SE2932-0AA20 3SE2932-1AA20		1	1 unit	41K	
 3SE2932-.AA20								
 3SE2924-3AA20	<b>Safety foot switch, 1-pedal,</b> with hood M20 x 1.5 cable entry with interlocking function; NO closes as momentary contact NC opens with automatic latching (safety function)							
		2 NO + 2 NC →	3SE2924-3AA20		1	1 unit	41K	
<b>Plastic enclosures, degree of protection IP65</b>								
 3SE3934-5CB20	<b>Momentary-contact pedal switches,</b> 3 m cable		Microswitch					
	<ul style="list-style-type: none"> <li>1-pedal, without hood</li> <li>2-pedal, without hood</li> </ul>	1 CO 2 x 1 CO	3SE3902-4CB20 3SE3934-5CB20		1	1 unit	41K	
<b>Accessories</b>								
	<b>Contact block,</b> Supersedes momentary-contact foot switches 3SE2903-1A.20 <sup>1)</sup> and 3SE2932-1A.20 <sup>2)</sup>		1 NO + 1 NC	3SE3982-0K		1	1 unit	41K
	<b>Contact block,</b> Supersedes momentary-contact foot switches 3SE2902-0A.20 and 3SE2932-0A.20 <sup>3)</sup>		1 NO + 1 NC	3SE3982-0L		1	1 unit	41K
	<b>Contact block, 16 A</b> Supersedes momentary-contact foot switch 3SE2924-3AA20 <sup>1)</sup>		1 NO + 1 NC	3SE3982-7J		1	1 unit	41K

→ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK safety relays, see page 11/1 onwards.  
Certificate:



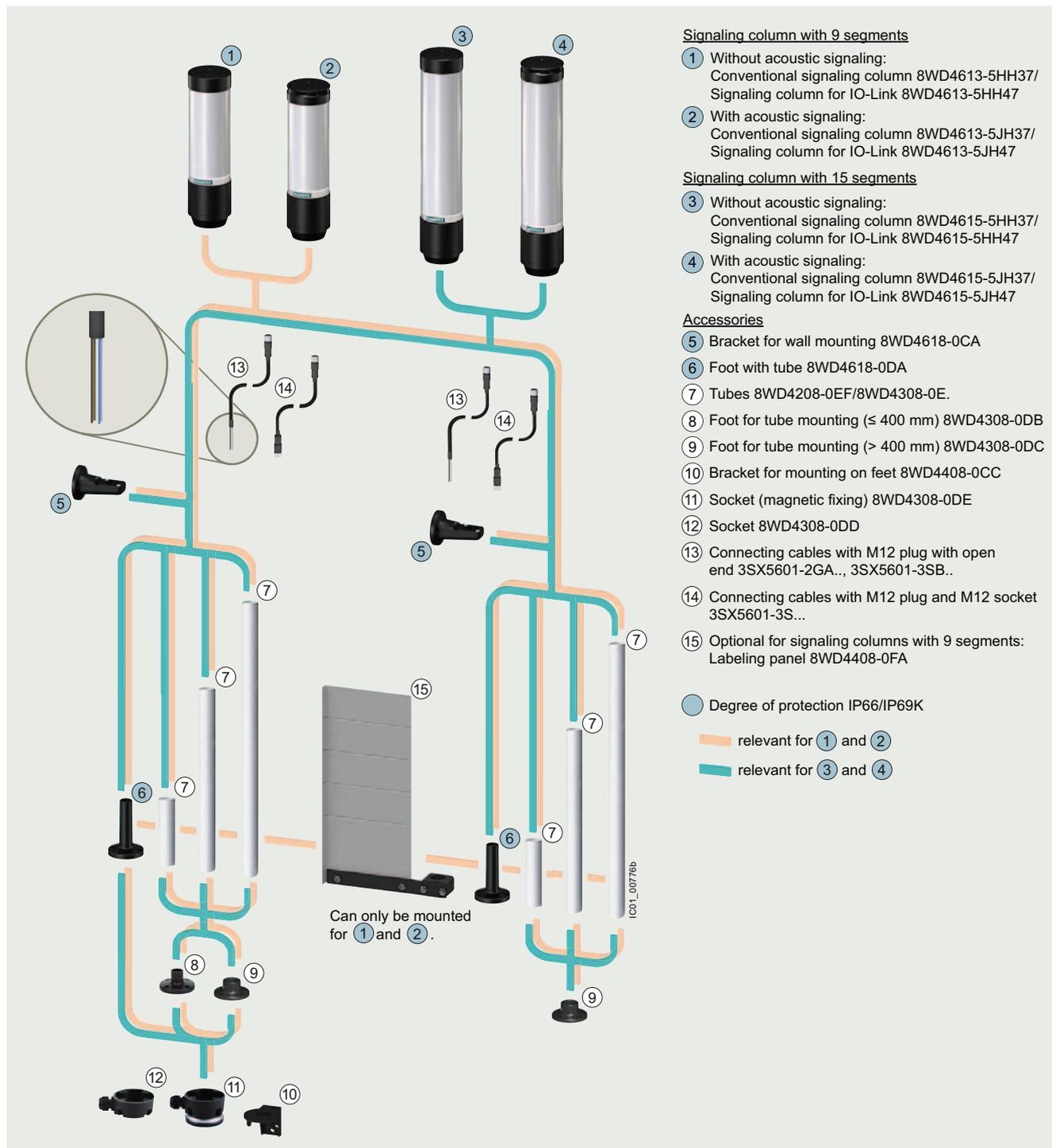
- 1) Number of contact blocks required for the momentary-contact foot switch = 2.  
2) Number of contact blocks required per pedal = 2.  
3) Number of contact blocks required per pedal = 1.

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

Electronically configurable 8WD46 signaling columns, 70 mm diameter

#### Overview



8WD46 signaling column with up to 15 segments

#### More information

Homepage, see [www.siemens.com/sirius-signaling-columns](http://www.siemens.com/sirius-signaling-columns)  
 SiePortal, see [www.siemens.com/product\\_catalog\\_siep?8WD4](http://www.siemens.com/product_catalog_siep?8WD4)  
 Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109810488>  
 For operating instructions, see <https://support.industry.siemens.com/cs/ww/en/view/109810633>



Video:  
SIRIUS 8WD46 signaling column – Electronics can be individually configured

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### Electronically configurable 8WD46 signaling columns, 70 mm diameter

The electronically configurable 8WD46 signaling columns are flexible in design and versatile in use thanks to their new compact and electronically modular design.

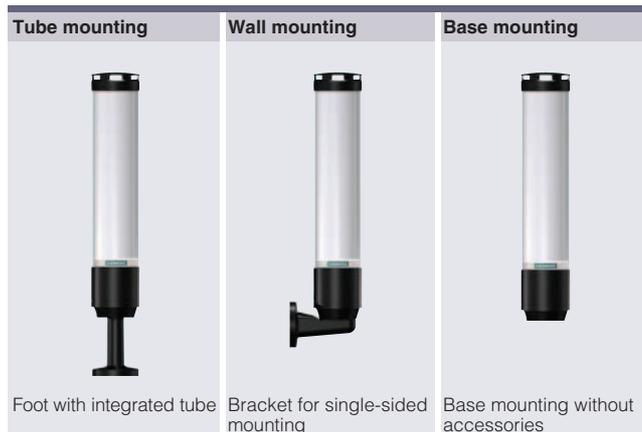
Features:

- Thermoplast enclosure, 70 mm diameter
- With 9 or 15 segments (number of segments adjustable for each tier)
- With or without acoustic element
- Degree of protection IP66/IP69 (IP69K)

Two product series are available:

- Conventional signaling columns
  - Configuration of signaling column via USB interface
  - Fast connection of the signaling column to the application via 8-pole M12 plug
- Signaling columns for IO-Link
  - Configuration of signaling column via IO-Link interface (IODD)
  - Fast connection of the signaling column to the application via 4-pole M12 plug

#### Mounting options



#### Benefits

- Choice of various light and acoustic signals with different functions:
  - Continuous light, blinklight, flashlight and rotating light; siren
- Light elements with particularly long-lasting LEDs
- Variety of colors: > 1 million colors
- Optimized homogeneous illumination thanks to improved diffuser technology
- Acoustic signals can be adjusted in tone and volume
- Extremely resistant to shock and vibrations
- Simple configuration and fast connection using M12 plugs
- No wiring required
- No special tools needed
- Fewer versions thanks to electronic modularity
- Communication-capable through connection to IO-Link

#### Application

8WD46 signaling columns are used in machines or in automatic processes for monitoring complex procedures or as visual or acoustic warning devices in emergency situations, e.g. for displaying individual assembly stages.

#### Communication capability

##### IODD (IO Device Description)

The IO Device Description (IODD) has been defined to provide a full, transparent description of system characteristics as far as the IO-Link device. The IODD contains information on communication characteristics, device parameters, identification, process and diagnostics data.

The IODD for signaling columns for IO-Link is available at the link below, see <https://support.industry.siemens.com/cs/ww/en/view/109807683>.

#### Connection

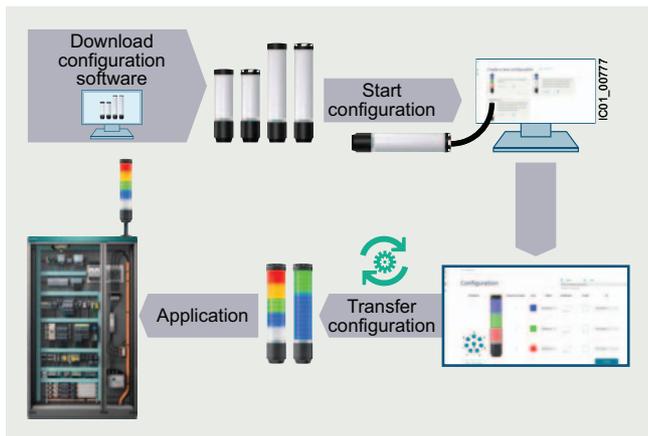
##### Conventional signaling columns

Wiring of the signaling elements using screw or spring-loaded terminals is not required. The signaling column is connected via an 8-pole M12 plug.

##### Signaling columns for IO-Link

The signaling column is connected via a 4-pole M12 plug.

**Configuration**



Simple and fast configuration

Conventional signaling columns

Configuration options via configuration software and transfer via USB interface, see <https://support.industry.siemens.com/cs/ww/en/view/109807684>.

Signaling columns for IO-Link

Configuration options via IO-Link. The setting is made via the IO Device Description (IODD), see [Communication capability](#).

Optical configuration options

Colors	Intensity	Light pattern
Ten different colors • Eight preset colors: - Red - Green - Yellow - Blue - White - Turquoise - Violet - Light yellow • > 1 million colors can be configured	The brightness can be adjusted for each block.	Optical signal profiles: • Blinklights • Flashlights (single, double and triple-flash lights) • Continuous lights • Rotating lights One light pattern per block can be selected.

Acoustic configuration options (siren)

Tones	Volume
Ten different tones can be set	• 80 to 105 dB • Four different volume levels can be set

**Various operating modes**



Individual configuration of light pattern, color, brightness and acoustics

Signaling column mode

Individual segments can be connected to form a block. The blocks have fixed positions and may be off if the corresponding block and the optical signal are not activated.

Automatic scaling mode

The segments are automatically and uniformly distributed among the number of controlled pins and status messages. If the segments cannot be uniformly distributed, the color with the highest priority will be assigned to the last segment.

Level mode

- The segments are used as level indicators.
- From 0% (all segments are switched off) up to 100% (all segments are activated).

Examples: Order progress, liquid tank, material quantity

Individual mode

Each segment can be set and controlled individually, thus allowing for a maximum range of individual signaling options.

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### Electronically configurable 8WD46 signaling columns, 70 mm diameter

#### Technical specifications

Article number	8WD4613-5HH37	5JH37	8WD4615-5HH37	5JH37	8WD4613-5HH47	5JH47	8WD4615-5HH47	5JH47	
Product version	Conventional signaling columns				Signaling columns for IO-Link				
<b>General data</b>									
Operational voltage type	DC								
Operational voltage at DC	V	24							
Relative positive tolerance of the operational voltage	%	10			20				
Relative negative tolerance of the operational voltage	%	10			20				
Insulation voltage ( $U_i$ )	V	50							
Impulse withstand voltage ( $U_{imp}$ )	V	330							
Operational current	mA	335	405	555	620	335	405	555	620
Current consumed, minimum	mA	65		95		65		95	
Inrush current	mA	800							
Type of external power supply required	SELV/PELV extra-low voltage								
Overvoltage category	I								
Pollution degree	3								
Letter code according to IEC 81346-2:2019	P								
Equipment protection class according to IEC 61140	III								
Type of interface for parameterization	USB-C				IO-Link				
Type of parameterization	Software				IODD				
<b>Optical signal</b>									
Light source integrated in product	Yes								
Type of light source	RGB-LED, multi-color								
LED service life	h	50 000							
Color of spherical cap	Clear								
Number of light segments	9		15		9		15		
Number of settable colors	1 000 000								
Type of optical signal	Blink, flash, continuous, double flash, triple flash, rotating								
Product function: Settable optical signal	Yes								
Product function: Settable luminous intensity	Yes								
Default number of signal blocks	3		5		3		5		
Default type of signal blocks	<ul style="list-style-type: none"> <li>• 1 Green/continuous light/3 light segments    White/continuous light/3 light segments    Green/continuous light/3 light segments    White/continuous light/3 light segments</li> <li>• 2 Yellow/continuous light/3 light segments    Blue/continuous light/3 light segments    Yellow/continuous light/3 light segments    Blue/continuous light/3 light segments</li> <li>• 3 Red/continuous light/3 light segments    Green/continuous light/3 light segments    Red/continuous light/3 light segments    Green/continuous light/3 light segments</li> <li>• 4 --    Yellow/continuous light/3 light segments    --    Yellow/continuous light/3 light segments</li> <li>• 5 --    Red/continuous light/3 light segments    --    Red/continuous light/3 light segments</li> </ul>								
Flash frequency	Hz	1							
Blink frequency	<ul style="list-style-type: none"> <li>• 1 Hz 1</li> <li>• 2 Hz 2</li> <li>• 3 Hz 3</li> </ul>								

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### Electronically configurable 8WD46 signaling columns, 70 mm diameter

Article number	8WD4613-5HH37		8WD4615-5HH37		8WD4613-5HH47		8WD4615-5HH47		
	5JH37		5JH37		5JH47		5JH47		
Product version	Conventional signaling columns				Signaling columns for IO-Link				
<b>Acoustic signal</b>									
Type of acoustic signal	--	Multi-tone	--	Multi-tone	--	Multi-tone	--	Multi-tone	
Default type of acoustic signal	--	Continuous tone	--	Continuous tone	--	Continuous tone	--	Continuous tone	
Product function: Settable acoustic signal	No	Yes	No	Yes	No	Yes	No	Yes	
Service life of the acoustic signaling device	h	--	5 000	--	5 000	--	5 000	--	5 000
Volume level	dB	--	80 ... 105	--	80 ... 105	--	80 ... 105	--	80 ... 105
Default volume level	dB	--	80	--	80	--	80	--	80
Number of settable tones		--	10	--	10	--	10	--	10
Default tone frequency	kHz	--	2.7	--	2.7	--	2.7	--	2.7
Tone frequency of alternating tone	kHz	--	0.245 ... 6	--	0.245 ... 6	--	0.245 ... 6	--	0.245 ... 6
<b>Communication</b>									
IO-Link mode	--				24-bit output				
Type of connectable IO-Link device	--				Signaling column				
IO-Link transfer rate	--				COM 3				
Protocol is supported IO-Link protocol	No				Yes				
Number of IO-Link ports	--				1				
Point-to-point cycle time between the master and the IO-Link device, minimum	ms	--				6			
<b>Enclosures</b>									
Height	mm	271		372		271		372	
Width	mm	72							
Outer diameter	mm	72							
Material	PC								
Color of enclosure	Black								
Mounting type	Base mounting, tube mounting, wall mounting								
Degree of protection IP	IP66/IP69K								
Degree of protection according to NEMA	4/4X/12/13								
Type of electrical connection	M12 plug, 8-pole				M12 plug, 4-pole				
<b>Ambient conditions</b>									
Ambient temperature during operation	°C	-30 ... +60							

# Commanding and signaling devices

## SIRIUS 8WD4 signaling columns



### Electronically configurable 8WD46 signaling columns, 70 mm diameter

#### Selection and ordering data

Type of acoustic signal	Number of light segments	Default number of signal blocks	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Conventional signaling columns · With M12 plug, 8-pole · 24 V DC</b>							
<b>Without acoustics</b>							
 8WD4613-5HH37	 8WD4615-5HH37	--	9	3	<b>8WD4613-5HH37</b>	1	1 unit 42K
			15	5		<b>8WD4615-5HH37</b>	1
<b>With acoustics</b>							
 8WD4613-5JH37	 8WD4615-5JH37	Multi-tone	9	3	<b>8WD4613-5JH37</b>	1	1 unit 42K
			15	5		<b>8WD4615-5JH37</b>	1
<b>Signaling columns for IO-Link · With M12 plug, 4-pole · 24 V DC</b>							
<b>Without acoustics</b>							
 8WD4613-5HH47	 8WD4615-5HH47	--	9	3	<b>8WD4613-5HH47</b>	1	1 unit 42K
			15	5		<b>8WD4615-5HH47</b>	1
<b>With acoustics</b>							
 8WD4613-5JH47	 8WD4615-5JH47	Multi-tone	9	3	<b>8WD4613-5JH47</b>	1	1 unit 42K
			15	5		<b>8WD4615-5JH47</b>	1

#### Accessories

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Mounting</b>						
<b>Feet with tube</b>						
 8WD4.8-0DA	Tube length 100 mm					
	• Standard	Black	<b>8WD4308-0DA</b>	1	1 unit	41J
	• Degree of protection IP66/IP69 (IP69K)	Black	<b>8WD4618-0DA</b>	1	1 unit	42K
<b>Feet, single</b>						
 8WD4308-0DB	• Plastic, for tube mounting, for tube lengths ≤ 400 mm	Black	<b>8WD4308-0DB</b>	1	1 unit	41J
	• Metal, for tube mounting, for tube lengths > 400 mm	Black	<b>8WD4308-0DC</b>	1	1 unit	41J
 8WD4308-0DC						

More accessories, [see next page](#).

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### Electronically configurable 8WD46 signaling columns, 70 mm diameter

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Mounting (continued)</b>						
	<b>Tubes, single</b>					
	• Length 100 mm	Silver	<b>8WD4208-0EF</b>	1	1 unit	41J
	• Length 150 mm	Silver	<b>8WD4308-0EE</b>	1	1 unit	41J
	• Length 250 mm	Silver	<b>8WD4308-0EA</b>	1	1 unit	41J
	• Length 400 mm	Silver	<b>8WD4308-0EB</b>	1	1 unit	41J
8WD4208-0EF	• Length 1 000 mm	Silver	<b>8WD4308-0ED</b>	1	1 unit	41J
	<b>Sockets for feet</b>					
	• Side cable outlet (can also be used without feet)	Black	<b>8WD4308-0DD</b>	1	1 unit	41J
8WD4308-0DD	• Side cable outlet, with magnetic fixing <sup>1)</sup>	Black	<b>8WD4308-0DE</b>	1	1 unit	41J
						
8WD4308-0DE						
	<b>Bracket for foot mounting</b> (mounting with feet and tube)	Black	<b>8WD4408-0CC</b>	1	1 unit	41J
8WD4408-0CC						
	<b>Bracket for wall mounting</b> (mounting without feet and tube) For single-sided mounting					
8WD4..8-0CA	• Standard	Black	<b>8WD4308-0CA</b>	1	1 unit	41J
	• Degree of protection IP66/IP69 (IP69K)	Black	<b>8WD4618-0CA</b>	1	1 unit	42K
<b>Cables for conventional signaling columns</b>						
	<b>USB C cable</b> USB-A to USB-C, length 2 m	Black	<b>8WD4618-0FB</b>	1	1 unit	42K
8WD4618-0FB						
	<b>Connecting cables</b>					
	• With M12 socket, 8-pole, straight, open end, rated voltage 30 V, rated current 2 A					
	- Length 3 m	--	<b>3SX5601-2GA03</b>	1	1 unit	41K
	- Length 5 m	--	<b>3SX5601-2GA05</b>	1	1 unit	41K
	- Length 10 m	--	<b>3SX5601-2GA10</b>	1	1 unit	41K
8WX5601-2GA03	- Length 15 m	--	<b>3SX5601-2GA15</b>	1	1 unit	41K
	• With M12 socket, 8-pole and M12 plug, 8-pole, length 1 m	--	<b>3SX5601-3SV18</b>	1	1 unit	41K
8WX5601-3SV18						
	<b>M12 plugs, 8-pole</b> • Straight	--	<b>6GT2090-0BE00</b>	1	5 units	572
6GT2090-0BE00						
<b>Cables for signaling columns for IO-Link</b>						
	<b>Connecting cables</b>					
	• With M12 socket, open end, length 5 m					
	- 4-pole	--	<b>3SX5601-3SB54</b>	1	1 unit	41K
8WX5601-3SB54	- 5-pole	--	<b>3SX5601-3SB55</b>	1	1 unit	41K
	• With M12 socket, 5-pole and M12 plug, 5-pole, length 1 m	--	<b>3SX5601-3SV15</b>	1	1 unit	41K
	<b>M12 plugs, 5-pole</b> • Straight, separate item	--	<b>3RK1902-4BA00-5AA0</b>	1	1 unit	42D
3RK1902-4BA00-5AA0	• Angled, separate item	--	<b>3RK1902-4DA00-5AA0</b>	1	1 unit	42D
<b>Inscription for 8WD4613 signaling columns with 9 segments</b>						
	<b>Labeling panel</b> With fixing accessories, for mounting on Ø 25 mm tube Inscription area/ step 50 mm x 140 mm Suitable for standard labels, e.g. • Zweckform 3425 • Herma 4457	--	<b>8WD4408-0FA</b>	1	1 unit	41J
8WD4408-0FA						

<sup>1)</sup> For horizontal mounting, only one element is recommended.

Further connecting cables, see pages 12/52, 12/53 and 12/74.

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### 8WD42 and 8WD44 signaling columns > General data

#### Overview

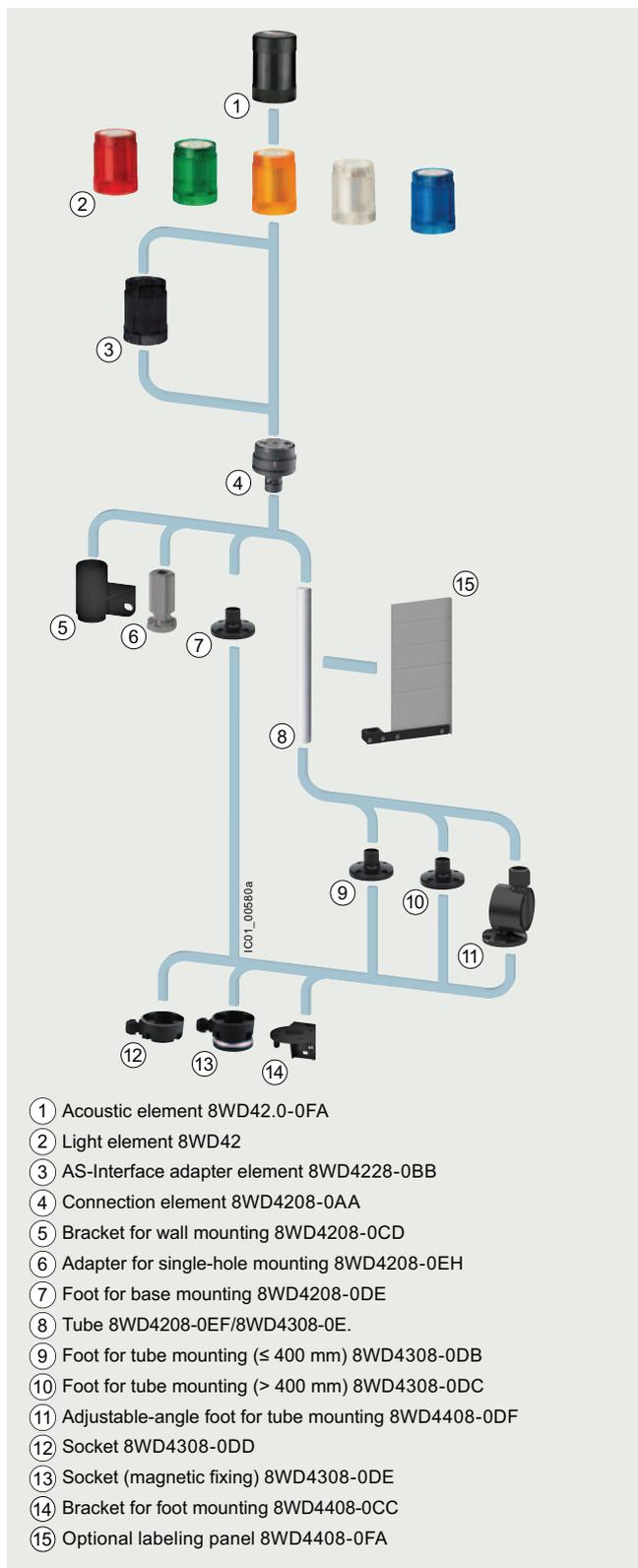
The 8WD4 signaling columns are flexible in design and versatile in use.

#### More information

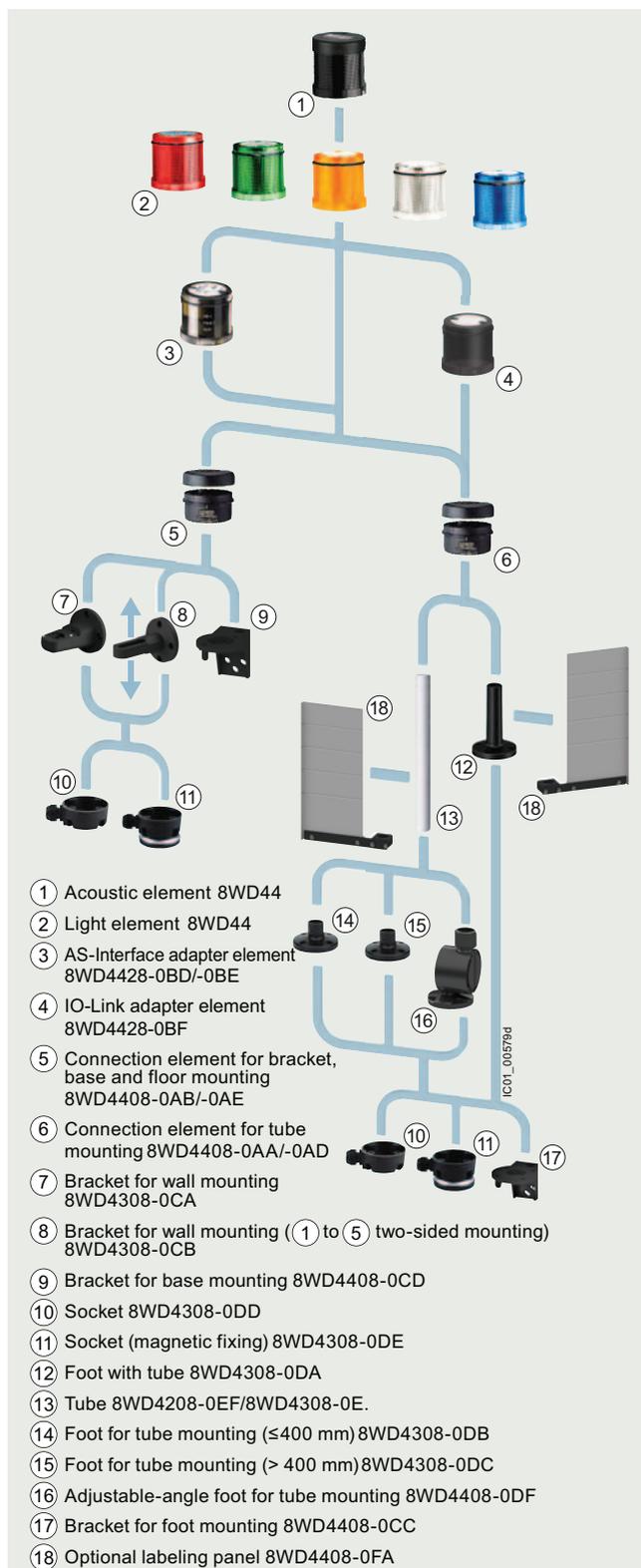
Homepage, see [www.siemens.com/sirius-signaling-columns](http://www.siemens.com/sirius-signaling-columns)

SiePortal, see [www.siemens.com/product\\_catalog\\_siep?8WD4](http://www.siemens.com/product_catalog_siep?8WD4)

Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758131>



8WD42 signaling column (width 50 mm) with up to four elements



8WD44 signaling column (width 70 mm) with up to five elements

Two product series are available:

- 8WD42
  - Thermoplast enclosure, 50 mm diameter
  - Degree of protection IP54
  - Up to four elements can be mounted between the connection element and the cover
- 8WD44
  - Thermoplast enclosure, 70 mm diameter
  - Advanced design and significantly improved illumination
  - Fast and flexible connection using spring-loaded terminals
  - Degree of protection IP65
  - Up to five elements can be mounted between the connection element and the cover



Mounting examples for signaling columns

The illustrated examples are from the left:

- 8WD42: Cover (without No.), four light elements ②, connection element ④, tube ⑧, foot ⑨
- 8WD44: Acoustic element with cover ①, two light elements ②, connection element ⑥, foot with tube ⑫
- 8WD44: Cover (without No.), four light elements ②, AS-Interface adapter element ③, connection element ⑤, bracket for wall mounting ⑦
- 8WD44: Cover (without No.), three light elements ②, AS-Interface adapter element ③, connection element ⑥, foot with tube ⑫

#### Note:

The cover is supplied with the connection element.

#### Benefits

- Choice of various light and acoustic elements with different functions: Continuous light, blinklight, flashlight and rotating light; buzzer and siren
- Light elements with particularly long-lasting LEDs
- Variety of colors: red, yellow, green, white or blue
- Optimized illumination through improved prism technology with the 8WD44
- Acoustic elements can be adjusted in tone and volume
- Extremely resistant to shock and vibrations
- Easy connection and quick lamp change with secure bayonet mechanism
- Communication capability through connection to AS-Interface
- Communication capability through connection to IO-Link for 8WD44 only

#### Application

8WD4 signaling columns are used in machines or in automatic processes for monitoring complex procedures or as visual or acoustic warning devices in emergency situations, e.g. for displaying individual assembly stages.

#### Communication capability

##### Connection to AS-Interface

The 8WD4 signaling columns can be directly connected to the AS-Interface bus system through an adapter element that can be integrated in the column. Wiring outlay is reduced as the result. The two-wire bus cable is fixed to the terminals in the connection element. Up to four signaling elements can be mounted on it using an adapter element.

A/B technology enables the connection of up to 62 slaves on one AS-Interface system.

##### IODD (IO Device Description)

The IO Device Description (IODD) has been defined to provide a full, transparent description of system characteristics as far as the IO-Link device. The IODD contains information on communication characteristics, device parameters, identification, process and diagnostics data.

The IODD is available under IO-Link Device Definition, see <https://support.industry.siemens.com/cs/ww/en/view/109761427>.

#### Connection

The signaling elements are wired up using terminals in the connection element, screw terminals on the 8WD42 and screw or spring-loaded terminals on the 8WD44.

##### Cable outlet

The connecting cables can be guided either downwards or sideways through the cable gland using an adapter that can be screwed under the foot. This makes wiring easier if there is no access from below.

##### Connection to AS-Interface

###### 8WD42

The two-wire bus cable is fixed to the screw terminals in the connection element. The adapter element must be the first module to be mounted on the connection element. A maximum of four signaling elements can then be mounted on it.

The 8WD4228-0BB adapter element is a standard slave.

###### 8WD44

The two-wire bus cable is fixed to the screw or spring-loaded terminals in the connection element. The adapter element must be the first module to be mounted on the connection element. The signaling elements can then be mounted on it.

The 8WD4428-0BE adapter element is a standard slave. A maximum of four signaling elements can be mounted on it.

The 8WD4428-0BD adapter element with A/B technology enables the connection of up to 62 slaves on one AS-Interface system. The addressing socket provides user-friendly parameterization of the AS-Interface elements. A maximum of three signaling elements can be mounted on it.

##### Connection to IO-Link

###### 8WD4428-0BF

The 8WD44 signaling columns are directly connected to the IO-Link system using an IO-Link adapter element that can be integrated in the column and can accommodate up to five light elements.

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### 8WD42 and 8WD44 signaling columns > General data

#### Technical specifications

Type		8WD42	8WD44
<b>General data</b>			
<b>Approvals</b>		UL, CSA	UL, CSA
<b>Light and acoustic elements</b>			
<b>Rated voltage, power consumption</b>		(AC values at 50/60 Hz)	(AC values at 50/60 Hz)
• Light elements with incandescent lamp			
- Continuous lights	V AC/DC	12, 24, 115, 230	12, 24, 115, 230
- Blinklights	V AC/DC/mA	24/125	24/125
	V AC/mA	115/20, 230/15	115/20, 230/15
- Flashlights	V DC/mA	24/125	24/125
	V AC/mA	--	115/20, 230/35
- Max. inrush current, blinklights/flashlights	mA	--	500
• Light elements with integrated LED			
- Continuous lights	V AC/DC/mA	24/30	24/40
	V AC/mA	115/25, 230/35	115/25, 230/35
- Blinklights	V AC/DC/mA	24/35	24/30
	V AC/mA	115/25, 230/35	--
- Rotating lights	V AC/DC/mA	--	24/70
• Acoustic elements			
- Buzzer element	V AC/DC/mA	24/30	24/25
(tone: pulsating or continuous tone, 85 dB)	V AC/mA	115/35, 230/35	115/25, 230/25
- Siren element	V AC/DC/mA	--	24/80
(8 tones + volume can be set, 102 dB)	V AC/mA	--	115/30, 230/16
- Siren element (95 ... 105 dB)	V DC/mA	--	24/100
<b>Power consumption</b>			
• Incandescent lamp, BA15d base	W	Max. 5	7
• Flashlights, flash energy	Ws	--	2
<b>Service life</b>			
• Flashlights		--	4 x 10 <sup>6</sup> flashes
<b>AS-Interface adapter elements</b>			
<b>IO code/ID code</b>		8/F	8/E
<b>Power supply</b>			
• Operational voltage	V	Through bus cable 18.5 ... 31.6	Through bus cable 18.5 ... 31.6
• Power consumption $I_{max}$	mA	50	100
<b>Protective measures</b>			
• Watchdog		✓	✓
• Short-circuit/overload protection		External back-up fuse M 1.6 A	✓
• Reverse polarity protection		✓	✓
• Induction protection		N/A	✓
<b>Outputs</b>			
• Load voltage		4 relay outputs	3 electronic outputs
	V DC	External auxiliary voltage	Through bus cable or external auxiliary voltage, selectable
	V AC	0 ... 30	
		0 ... 230	
• Current-carrying capacity $\Sigma I_{max}$			
- With external auxiliary voltage	A	1.5	0.3
- Without external auxiliary voltage	A	--	0.2
<b>Operating temperature</b>		°C	
		-20 ... +50	-20 ... +50
<b>Enclosures</b>			
<b>Enclosure material</b>		Thermoplast (polyamide), impact-resistant, black	Thermoplast (polyamide), impact-resistant, black
<b>Light elements</b>		Thermoplast (polycarbonate)	Thermoplast (polycarbonate)
<b>Mounting</b>			
• Horizontal (base mounting, foot with tube Ø 25 mm)		✓	✓
• Horizontal (single-hole mounting)		✓	--
• Vertical with bracket		✓	✓
<b>Degree of protection</b>			
• Light elements		IP54	IP65 (seal premounted with every module)
• Acoustic elements, AS-i adapter elements		IP54	IP65
<b>Operating temperature</b>		°C	
		-20 ... +50	-20 ... +50
<b>Connection</b>			
• Conductor cross-sections	mm <sup>2</sup>	M3 screw terminals Max. 2.5	Spring-loaded terminals/M3 screw terminals Max. 2.5
• Tightening torque	Nm	Max. 0.4	--/max. 0.4

✓ Available

-- Not available

**8WD42 and 8WD44 signaling columns > 8WD42 signaling columns, 50 mm diameter**
**Overview**

## Features:

- Thermoplast enclosure, 50 mm diameter
- Degree of protection IP54
- Up to four elements can be mounted between the connection element and the cover

**Selection and ordering data**

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
V								
<b>Acoustic elements<sup>1)</sup></b>								
	<b>Buzzer elements</b>	24 AC/DC	Black	<b>8WD4220-0FA</b>	1	1 unit	41J	
	85 dB, tone frequency approx. 2 300 Hz, pulsating or continuous tone, adjustable by means of a wire jumper	115 AC/DC	Black	<b>8WD4240-0FA</b>	1	1 unit	41J	
		230 AC	Black	<b>8WD4250-0FA</b>	1	1 unit	41J	
8WD4220-0FA								
<b>Light elements for incandescent lamp/LED, BA15d base<sup>2)</sup></b>								
	<b>Continuous light elements</b> (without lamp)	12 ... 230 AC/DC	Red	<b>8WD4200-1AB</b>	1	1 unit	41J	
			Green	<b>8WD4200-1AC</b>	1	1 unit	41J	
			Yellow	<b>8WD4200-1AD</b>	1	1 unit	41J	
			Clear	<b>8WD4200-1AE</b>	1	1 unit	41J	
			Blue	<b>8WD4200-1AF</b>	1	1 unit	41J	
8WD4200-1AD								
<b>Light elements with integrated LED</b>								
	<b>Continuous light elements</b>	24 AC/DC	Red	<b>8WD4220-5AB</b>	1	1 unit	41J	
			Green	<b>8WD4220-5AC</b>	1	1 unit	41J	
			Yellow	<b>8WD4220-5AD</b>	1	1 unit	41J	
			Clear	<b>8WD4220-5AE</b>	1	1 unit	41J	
			Blue	<b>8WD4220-5AF</b>	1	1 unit	41J	
	8WD4220-5AB	115 AC	Red	<b>8WD4240-5AB</b>	1	1 unit	41J	
			Green	<b>8WD4240-5AC</b>	1	1 unit	41J	
			Yellow	<b>8WD4240-5AD</b>	1	1 unit	41J	
			Clear	<b>8WD4240-5AE</b>	1	1 unit	41J	
			Blue	<b>8WD4240-5AF</b>	1	1 unit	41J	
	8WD4240-5AC	230 AC	Red	<b>8WD4250-5AB</b>	1	1 unit	41J	
			Green	<b>8WD4250-5AC</b>	1	1 unit	41J	
			Yellow	<b>8WD4250-5AD</b>	1	1 unit	41J	
			Clear	<b>8WD4250-5AE</b>	1	1 unit	41J	
			Blue	<b>8WD4250-5AF</b>	1	1 unit	41J	
	<b>Blinklight elements</b>	24 AC/DC	Red	<b>8WD4220-5BB</b>	1	1 unit	41J	
			Green	<b>8WD4220-5BC</b>	1	1 unit	41J	
			Yellow	<b>8WD4220-5BD</b>	1	1 unit	41J	
			Clear	<b>8WD4220-5BE</b>	1	1 unit	41J	
			Blue	<b>8WD4220-5BF</b>	1	1 unit	41J	
	8WD4220-5BD	115 AC	Red	<b>8WD4240-5BB</b>	1	1 unit	41J	
			Green	<b>8WD4240-5BC</b>	1	1 unit	41J	
			Yellow	<b>8WD4240-5BD</b>	1	1 unit	41J	
			Clear	<b>8WD4240-5BE</b>	1	1 unit	41J	
			Blue	<b>8WD4240-5BF</b>	1	1 unit	41J	
		8WD4240-5BE	230 AC	Red	<b>8WD4250-5BB</b>	1	1 unit	41J
				Green	<b>8WD4250-5BC</b>	1	1 unit	41J
				Yellow	<b>8WD4250-5BD</b>	1	1 unit	41J
				Clear	<b>8WD4250-5BE</b>	1	1 unit	41J
				Blue	<b>8WD4250-5BF</b>	1	1 unit	41J
	<b>Flashlight elements</b>	24 DC	Red	<b>8WD4220-0CB</b>	1	1 unit	41J	
			Green	<b>8WD4220-0CC</b>	1	1 unit	41J	
			Yellow	<b>8WD4220-0CD</b>	1	1 unit	41J	
			Clear	<b>8WD4220-0CE</b>	1	1 unit	41J	
			Blue	<b>8WD4220-0CF</b>	1	1 unit	41J	
8WD4250-5BF								
<b>Adapter elements for AS-Interface</b>								
	<b>AS-Interface adapter element</b> With external auxiliary voltage	For 4 signaling elements 24 V DC	Black	<b>8WD4228-0BB</b>	1	1 unit	41J	
								8WD4228-0BB

<sup>1)</sup> One acoustic element can be mounted per signaling column.  
The cover is included in the scope of supply of the acoustic elements and fixed in place.

<sup>2)</sup> The lamp is not included in the scope of supply. Please order separately, see page 13/179.

# Commanding and signaling devices

## SIRIUS 8WD4 signaling columns



### 8WD42 and 8WD44 signaling columns > 8WD42 signaling columns, 50 mm diameter

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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#### Connection elements



8WD4208-0AA

#### Connection elements with cover

For tube, base and angle mounting  
Necessary for assembling the signaling column

Black

8WD4208-0AA

1

1 unit

41J

#### Accessories

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
---------	-------	-------------	--------------	-------------------	-----	----

#### Mounting

#### Feet, single



8WD4308-0DB

- Plastic, for tube mounting, for tube lengths ≤ 400 mm

Black

8WD4308-0DB

1

1 unit

41J



8WD4308-0DC

- Metal, for tube mounting, for tube lengths > 400 mm

Black

8WD4308-0DC

1

1 unit

41J



8WD4208-0DE

- Plastic, for base mounting (without tube)

Black

8WD4208-0DE

1

1 unit

41J



8WD4408-0DF

#### Adjustable-angle foot

For positioning in 7.5 increments<sup>1)</sup>  
Plastic, for tube mounting (including rubber seal)

Black

8WD4408-0DF

1

1 unit

41J

#### Tubes, single



8WD4208-0EF

- Length 100 mm
- Length 150 mm
- Length 250 mm
- Length 400 mm
- Length 1 000 mm

Silver

8WD4208-0EF

1

1 unit

41J

Silver

8WD4308-0EE

1

1 unit

41J

Silver

8WD4308-0EA

1

1 unit

41J

Silver

8WD4308-0EB

1

1 unit

41J

Silver

8WD4308-0ED

1

1 unit

41J

#### Sockets for feet



8WD4308-0DD

- Side cable outlet (can also be used without feet)

Black

8WD4308-0DD

1

1 unit

41J



8WD4308-0DE

- Side cable outlet, with magnetic fixing<sup>2)</sup>

Black

8WD4308-0DE

1

1 unit

41J



8WD4408-0CC

#### Bracket for foot mounting

Mounting with feet and tube

Black

8WD4408-0CC

1

1 unit

41J



8WD4208-0CD

#### Bracket for wall mounting

(plastic)  
Mounting without feet and tube

Black

8WD4208-0CD

1

1 unit

41J



8WD4208-0EH

#### Adapter for single-hole mounting

Mounting without feet and tube, with M18 thread and fixing nut

Silver

8WD4208-0EH

1

1 unit

41J

<sup>1)</sup> Markings for 30°, 45°, 60° and 90°.

<sup>2)</sup> For horizontal mounting, only one element is recommended.

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### 8WD42 and 8WD44 signaling columns > 8WD42 signaling columns, 50 mm diameter

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V							
<b>Lamps</b>							
 8WD4328-1XX	<b>Incandescent lamps, 5 W</b>						
	BA15d base						
	24 AC/DC	Clear	<b>8WD4328-1XX</b>		1	10 units	41J
	115 AC	Clear	<b>8WD4348-1XX</b>		1	10 units	41J
	230 AC	Clear	<b>8WD4358-1XX</b>		1	10 units	41J
 8WD4428-6XE	<b>LEDs</b>						
	BA15d base						
	24 AC/DC	Red	<b>8WD4428-6XB</b>		1	1 unit	41J
		Green	<b>8WD4428-6XC</b>		1	1 unit	41J
		Yellow	<b>8WD4428-6XD</b>		1	1 unit	41J
		Clear	<b>8WD4428-6XE</b>		1	1 unit	41J
		Blue	<b>8WD4428-6XF</b>		1	1 unit	41J
	115 AC	Red	<b>8WD4448-6XB</b>		1	1 unit	41J
		Green	<b>8WD4448-6XC</b>		1	1 unit	41J
		Yellow	<b>8WD4448-6XD</b>		1	1 unit	41J
		Clear	<b>8WD4448-6XE</b>		1	1 unit	41J
		Blue	<b>8WD4448-6XF</b>		1	1 unit	41J
	230 AC	Red	<b>8WD4458-6XB</b>		1	1 unit	41J
		Green	<b>8WD4458-6XC</b>		1	1 unit	41J
		Yellow	<b>8WD4458-6XD</b>		1	1 unit	41J
	Clear	<b>8WD4458-6XE</b>		1	1 unit	41J	
	Blue	<b>8WD4458-6XF</b>		1	1 unit	41J	
<b>Inscription</b>							
 8WD4408-0FA	<b>Labeling panel</b>						
	With fixing accessories, for mounting on Ø 25 mm tube						
Inscription area/ step 50 mm x 140 mm							
Suitable for standard labels, e.g.							
• Zweckform 3425							
• Herma 4457							
	--	--	<b>8WD4408-0FA</b>		1	1 unit	41J

# Commanding and signaling devices

## SIRIUS 8WD4 signaling columns



### 8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

#### Overview

##### Features:

- Thermoplast enclosure, 70 mm diameter
- Advanced design and significantly improved illumination
- Fast and flexible connection using spring-loaded terminals
- Degree of protection IP65
- Up to five elements can be mounted

#### Selection and ordering data

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V							
<b>Acoustic elements<sup>1)</sup></b>							
 8WD44.0-0FA	<b>Buzzer elements</b>	24 AC/DC	Black	<b>8WD4420-0FA</b>	1	1 unit	41J
	85 dB,	115 AC	Black	<b>8WD4440-0FA</b>	1	1 unit	41J
	pulsating or continuous tone, adjustable by means of a wire jumper	230 AC	Black	<b>8WD4450-0FA</b>	1	1 unit	41J
 8WD44.0-0EA2, 8WD4420-0EA	<b>Siren elements</b>	24 AC/DC	Black	<b>8WD4420-0EA2</b>	1	1 unit	41J
	Multi-tone, 102 dB,	115 AC	Black	<b>8WD4440-0EA2</b>	1	1 unit	41J
	8 tones and volume can be set	230 AC	Black	<b>8WD4450-0EA2</b>	1	1 unit	41J
	<b>Siren element</b>	24 DC	Black	<b>8WD4420-0EA</b>	1	1 unit	41J
	95 ... 105 dB, IP65, alternating continuous tone						
<b>Light elements for incandescent lamp/LED, BA15d base<sup>2)</sup></b>							
 8WD4400-1AD	<b>Continuous light elements</b> (without lamp)	12 ... 230 AC/DC	Red	<b>8WD4400-1AB</b>	1	1 unit	41J
			Green	<b>8WD4400-1AC</b>	1	1 unit	41J
			Yellow	<b>8WD4400-1AD</b>	1	1 unit	41J
			Clear	<b>8WD4400-1AE</b>	1	1 unit	41J
			Blue	<b>8WD4400-1AF</b>	1	1 unit	41J
<b>Light elements with integrated flash lamp<sup>3)</sup></b>							
 8WD4420-0CB	<b>Flashlight elements</b> With integrated electronic flash	24 DC	Red	<b>8WD4420-0CB</b>	1	1 unit	41J
			Green	<b>8WD4420-0CC</b>	1	1 unit	41J
			Yellow	<b>8WD4420-0CD</b>	1	1 unit	41J
			Clear	<b>8WD4420-0CE</b>	1	1 unit	41J
			Blue	<b>8WD4420-0CF</b>	1	1 unit	41J
 8WD4440-0CC		115 AC	Red	<b>8WD4440-0CB</b>	1	1 unit	41J
			Green	<b>8WD4440-0CC</b>	1	1 unit	41J
			Yellow	<b>8WD4440-0CD</b>	1	1 unit	41J
			Clear	<b>8WD4440-0CE</b>	1	1 unit	41J
			Blue	<b>8WD4440-0CF</b>	1	1 unit	41J
 8WD4450-0CF		230 AC	Red	<b>8WD4450-0CB</b>	1	1 unit	41J
			Green	<b>8WD4450-0CC</b>	1	1 unit	41J
			Yellow	<b>8WD4450-0CD</b>	1	1 unit	41J
			Clear	<b>8WD4450-0CE</b>	1	1 unit	41J
			Blue	<b>8WD4450-0CF</b>	1	1 unit	41J

<sup>1)</sup> One acoustic element can be mounted per signaling column. The cover is included in the scope of supply of the acoustic elements and fixed in place.

<sup>2)</sup> The lamp is not included in the scope of supply. Please order separately, see page 13/184.

<sup>3)</sup> The lamp is included in the scope of supply.

**8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter**

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V							
<b>Complete units, signaling columns</b>							
 8WD4423-5AK05-0AF0	3 blocks Top: Continuous light, blue Center: Continuous light, green, with integrated LED Bottom: Flashlight element, clear, integrated electronic flashlight Connection element for tube mounting, tube, 250 mm, foot, plastic	24 DC	Blue, green, clear	<b>8WD4423-5AK05-0AF0</b>		1	1 unit 41J
 8WD4423-5AK05-0AE0	3 blocks Top: Continuous light, yellow Center: Continuous light, blue Bottom: Continuous light, green, with integrated LED Connection element for tube mounting, tube, 250 mm, foot, plastic	24 AC/DC	Yellow, blue, green	<b>8WD4423-5AK05-0AE0</b>		1	1 unit 41J
 8WD4421-0GA05-0AG0	Connection element for tube mounting, tube, 250 mm, foot, plastic	--	--	<b>8WD4421-0GA05-0AG0</b>		1	1 unit 41J

# Commanding and signaling devices

## SIRIUS 8WD4 signaling columns



### 8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG																																																																																		
<b>Light elements with integrated LED</b>																																																																																									
<b>Continuous light elements</b>																																																																																									
 8WD4420-5AB	24 AC/DC	Red	<b>8WD4420-5AB</b>		1	1 unit	41J																																																																																		
		Green	<b>8WD4420-5AC</b>		1	1 unit	41J																																																																																		
		Yellow	<b>8WD4420-5AD</b>		1	1 unit	41J																																																																																		
		Clear	<b>8WD4420-5AE</b>		1	1 unit	41J																																																																																		
		Blue	<b>8WD4420-5AF</b>		1	1 unit	41J																																																																																		
 8WD4440-5AC	115 AC	Red	<b>8WD4440-5AB</b>		1	1 unit	41J																																																																																		
		Green	<b>8WD4440-5AC</b>		1	1 unit	41J																																																																																		
		Yellow	<b>8WD4440-5AD</b>		1	1 unit	41J																																																																																		
		Clear	<b>8WD4440-5AE</b>		1	1 unit	41J																																																																																		
		Blue	<b>8WD4440-5AF</b>		1	1 unit	41J																																																																																		
 8WD4450-5AD	230 AC	Red	<b>8WD4450-5AB</b>		1	1 unit	41J																																																																																		
		Green	<b>8WD4450-5AC</b>		1	1 unit	41J																																																																																		
		Yellow	<b>8WD4450-5AD</b>		1	1 unit	41J																																																																																		
		Clear	<b>8WD4450-5AE</b>		1	1 unit	41J																																																																																		
		Blue	<b>8WD4450-5AF</b>		1	1 unit	41J																																																																																		
<b>Blinklight elements</b>																																																																																									
 8WD4420-5BF	24 AC/DC	Red	<b>8WD4420-5BB</b>		1	1 unit	41J																																																																																		
		Green	<b>8WD4420-5BC</b>		1	1 unit	41J																																																																																		
		Yellow	<b>8WD4420-5BD</b>		1	1 unit	41J																																																																																		
		Clear	<b>8WD4420-5BE</b>		1	1 unit	41J																																																																																		
		Blue	<b>8WD4420-5BF</b>		1	1 unit	41J																																																																																		
 8WD4440-5BE	115 AC	Red	<b>8WD4440-5BB</b>		1	1 unit	41J																																																																																		
		Green	<b>8WD4440-5BC</b>		1	1 unit	41J																																																																																		
		Yellow	<b>8WD4440-5BD</b>		1	1 unit	41J																																																																																		
		Clear	<b>8WD4440-5BE</b>		1	1 unit	41J																																																																																		
		Blue	<b>8WD4440-5BF</b>		1	1 unit	41J																																																																																		
 8WD4450-5BB	230 AC	Red	<b>8WD4450-5BB</b>		1	1 unit	41J																																																																																		
		Green	<b>8WD4450-5BC</b>		1	1 unit	41J																																																																																		
		Yellow	<b>8WD4450-5BD</b>		1	1 unit	41J																																																																																		
		Clear	<b>8WD4450-5BE</b>		1	1 unit	41J																																																																																		
		Blue	<b>8WD4450-5BF</b>		1	1 unit	41J																																																																																		
<b>Rotating light elements</b>																																																																																									
 8WD4420-5DD	24 AC/DC	Red	<b>8WD4420-5DB</b>		1	1 unit	41J																																																																																		
		Green	<b>8WD4420-5DC</b>		1	1 unit	41J																																																																																		
		Yellow	<b>8WD4420-5DD</b>		1	1 unit	41J																																																																																		
		Clear	<b>8WD4420-5DE</b>		1	1 unit	41J																																																																																		
		Blue	<b>8WD4420-5DF</b>		1	1 unit	41J																																																																																		
<b>Adapter elements for AS-Interface and IO-Link</b>																																																																																									
24 V DC																																																																																									
<b>AS-Interface adapter elements</b>																																																																																									
 8WD4428-0BD	With/without external auxiliary voltage, switchable																																																																																								
	• A/B technology	For 3 signaling elements	Black	<b>8WD4428-0BD</b>		1	1 unit	41J																																																																																	
	• Standard AS-i	For 4 signaling elements	Black	<b>8WD4428-0BE</b>		1	1 unit	41J																																																																																	
 8WD4428-0BF	<b>IO-Link adapter element</b>		For 5 signaling elements	Black	<b>8WD4428-0BF</b>		1	1 unit	41J																																																																																
	<table border="1"> <thead> <tr> <th>Version</th> <th>Color</th> <th>Article No.</th> <th>Price per PU</th> <th>PU (UNIT, SET, M)</th> <th>PS*</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td colspan="8"><b>Connection elements<sup>1)</sup></b></td> </tr> <tr> <td colspan="8"><b>Connection elements with cover</b></td> </tr> <tr> <td rowspan="2"> 8WD4408-0AA</td> <td colspan="2">• For tube mounting</td> <td>Black</td> <td><b>Screw terminals</b> </td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">• For angle, base and floor mounting</td> <td>Black</td> <td><b>8WD4408-0AA</b></td> <td></td> <td>1</td> <td>1 unit</td> <td>41J</td> </tr> <tr> <td></td> <td colspan="2"></td> <td></td> <td><b>8WD4408-0AB</b></td> <td></td> <td>1</td> <td>1 unit</td> <td>41J</td> </tr> <tr> <td rowspan="2"></td> <td colspan="2">• For tube mounting</td> <td>Black</td> <td><b>Spring-loaded terminals</b> </td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">• For angle, base and floor mounting</td> <td>Black</td> <td><b>8WD4408-0AD</b></td> <td></td> <td>1</td> <td>1 unit</td> <td>41J</td> </tr> <tr> <td></td> <td colspan="2"></td> <td>Black</td> <td><b>8WD4408-0AE</b></td> <td></td> <td>1</td> <td>1 unit</td> <td>41J</td> </tr> <tr> <td colspan="2"><b>Cover (replacement)</b></td> <td></td> <td>Black</td> <td><b>8WD4408-0XA</b></td> <td></td> <td>1</td> <td>1 unit</td> <td>41J</td> </tr> </tbody> </table>								Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	<b>Connection elements<sup>1)</sup></b>								<b>Connection elements with cover</b>								 8WD4408-0AA	• For tube mounting		Black	<b>Screw terminals</b> 				• For angle, base and floor mounting		Black	<b>8WD4408-0AA</b>		1	1 unit	41J					<b>8WD4408-0AB</b>		1	1 unit	41J		• For tube mounting		Black	<b>Spring-loaded terminals</b> 				• For angle, base and floor mounting		Black	<b>8WD4408-0AD</b>		1	1 unit	41J				Black	<b>8WD4408-0AE</b>		1	1 unit	41J	<b>Cover (replacement)</b>			Black	<b>8WD4408-0XA</b>		1	1 unit
Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG																																																																																			
<b>Connection elements<sup>1)</sup></b>																																																																																									
<b>Connection elements with cover</b>																																																																																									
 8WD4408-0AA	• For tube mounting		Black	<b>Screw terminals</b> 																																																																																					
	• For angle, base and floor mounting		Black	<b>8WD4408-0AA</b>		1	1 unit	41J																																																																																	
				<b>8WD4408-0AB</b>		1	1 unit	41J																																																																																	
	• For tube mounting		Black	<b>Spring-loaded terminals</b> 																																																																																					
	• For angle, base and floor mounting		Black	<b>8WD4408-0AD</b>		1	1 unit	41J																																																																																	
			Black	<b>8WD4408-0AE</b>		1	1 unit	41J																																																																																	
<b>Cover (replacement)</b>			Black	<b>8WD4408-0XA</b>		1	1 unit	41J																																																																																	

<sup>1)</sup> The connection element with cover is an essential part for assembling the signaling columns.

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### 8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

#### Accessories

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Mounting</b>						
 8WD4308-0DA	<b>Feet with tube</b> Tube length 100 mm	Black	<b>8WD4308-0DA</b>	1	1 unit	41J
 8WD4308-0DB	<b>Feet, single</b> • Plastic, for tube mounting, for tube lengths ≤ 400 mm • Metal, for tube mounting, for tube lengths > 400 mm	Black	<b>8WD4308-0DB</b>	1	1 unit	41J
 8WD4308-0DC		Black	<b>8WD4308-0DC</b>	1	1 unit	41J
 8WD4408-0DF	<b>Adjustable-angle foot</b> For positioning in 7.5 increments <sup>1)</sup> Plastic, for tube mounting (including rubber seal)	Black	<b>8WD4408-0DF</b>	1	1 unit	41J
 8WD4208-0EF	<b>Tubes, single</b> • Length 100 mm • Length 150 mm • Length 250 mm • Length 400 mm • Length 1 000 mm	Silver	<b>8WD4208-0EF</b>	1	1 unit	41J
		Silver	<b>8WD4308-0EE</b>	1	1 unit	41J
		Silver	<b>8WD4308-0EA</b>	1	1 unit	41J
		Silver	<b>8WD4308-0EB</b>	1	1 unit	41J
		Silver	<b>8WD4308-0ED</b>	1	1 unit	41J
 8WD4308-0DD	<b>Sockets for feet</b> • Side cable outlet (can also be used without feet) • Side cable outlet, with magnetic fixing <sup>2)</sup>	Black	<b>8WD4308-0DD</b>	1	1 unit	41J
 8WD4308-0DE		Black	<b>8WD4308-0DE</b>	1	1 unit	41J
 8WD4308-0CA	<b>Bracket for wall mounting</b> (mounting without feet or tube) • For single-sided mounting • For double-sided mounting	Black	<b>8WD4308-0CA</b>	1	1 unit	41J
 8WD4308-0CB		Black	<b>8WD4308-0CB</b>	1	1 unit	41J
 8WD4408-0CC	<b>Bracket for foot mounting</b> Mounting with feet and tube	Black	<b>8WD4408-0CC</b>	1	1 unit	41J
 8WD4408-0CD	<b>Bracket for base mounting</b> Mounting without feet and tube	Black	<b>8WD4408-0CD</b>	1	1 unit	41J
 8WD4308-0DF	<b>Adapter for tube mounting according to NPT</b> Mounting on tube, Ø 25 mm, with NPT 1/2" thread	Black	<b>8WD4308-0DF</b>	1	1 unit	41J

<sup>1)</sup> Markings for 30°, 45°, 60° and 90°.

<sup>2)</sup> For horizontal mounting, only one element is recommended.

## Commanding and signaling devices

### SIRIUS 8WD4 signaling columns

#### 8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V							
<b>Lamps</b>							
<b>Incandescent lamps, 5 W</b>							
 8WD4328-1XX	BA15d base	24 AC/DC	Clear	<b>8WD4328-1XX</b>	1	10 units	41J
		115 AC	Clear	<b>8WD4348-1XX</b>	1	10 units	41J
		230 AC	Clear	<b>8WD4358-1XX</b>	1	10 units	41J
<b>LEDs</b>							
 8WD4428-6XE	BA15d base	24 AC/DC	Red	<b>8WD4428-6XB</b>	1	1 unit	41J
			Green	<b>8WD4428-6XC</b>	1	1 unit	41J
			Yellow	<b>8WD4428-6XD</b>	1	1 unit	41J
			Clear	<b>8WD4428-6XE</b>	1	1 unit	41J
			Blue	<b>8WD4428-6XF</b>	1	1 unit	41J
	115 AC		Red	<b>8WD4448-6XB</b>	1	1 unit	41J
			Green	<b>8WD4448-6XC</b>	1	1 unit	41J
			Yellow	<b>8WD4448-6XD</b>	1	1 unit	41J
			Clear	<b>8WD4448-6XE</b>	1	1 unit	41J
			Blue	<b>8WD4448-6XF</b>	1	1 unit	41J
	230 AC		Red	<b>8WD4458-6XB</b>	1	1 unit	41J
			Green	<b>8WD4458-6XC</b>	1	1 unit	41J
			Yellow	<b>8WD4458-6XD</b>	1	1 unit	41J
			Clear	<b>8WD4458-6XE</b>	1	1 unit	41J
			Blue	<b>8WD4458-6XF</b>	1	1 unit	41J
<b>Inscription</b>							
 8WD4408-0FA	<b>Labeling panel</b>	--	--	<b>8WD4408-0FA</b>	1	1 unit	41J
	With fixing accessories, for mounting on Ø 25 mm tube Inscription area/ step 50 mm x 140 mm Suitable for standard labels, e.g. • Zweckform 3425 • Herma 4457						

## Commanding and signaling devices

### SIRIUS 8WD5 integrated signal lamps

#### 8WD53 integrated signal lamps, 70 mm diameter

#### Overview



8WD53 integrated signal lamps

#### More information

Homepage, see [www.siemens.com/sirius-command](http://www.siemens.com/sirius-command)

SiePortal, see [www.siemens.com/product\\_catalog\\_siep?8WD5](http://www.siemens.com/product_catalog_siep?8WD5)

Configuration Manual, see

<https://support.industry.siemens.com/cs/ww/en/view/109758131>

#### Design

##### Features:

- Thermoplast enclosure, 70 mm diameter
- Degree of protection IP65
- Rated voltage 24 V, 115 V, 230 V AC/DC
- Ambient temperature -20 to +50 °C, incandescent lamp up to 60 °C

The special shape of the integrated signal lamps means that the light is emitted optimally in every direction (to the sides and upwards). Continuous lights (with incandescent lamp or LED) and flashlights are available in five colors. As well as the continuous-light version, a blinklight or rotating light version is also available.

The LED versions of the integrated signal lamps offer a considerably longer service life than the incandescent lamp versions.

They have the high degree of protection IP65 and are made of a material highly resistant to impact.

#### Mounting

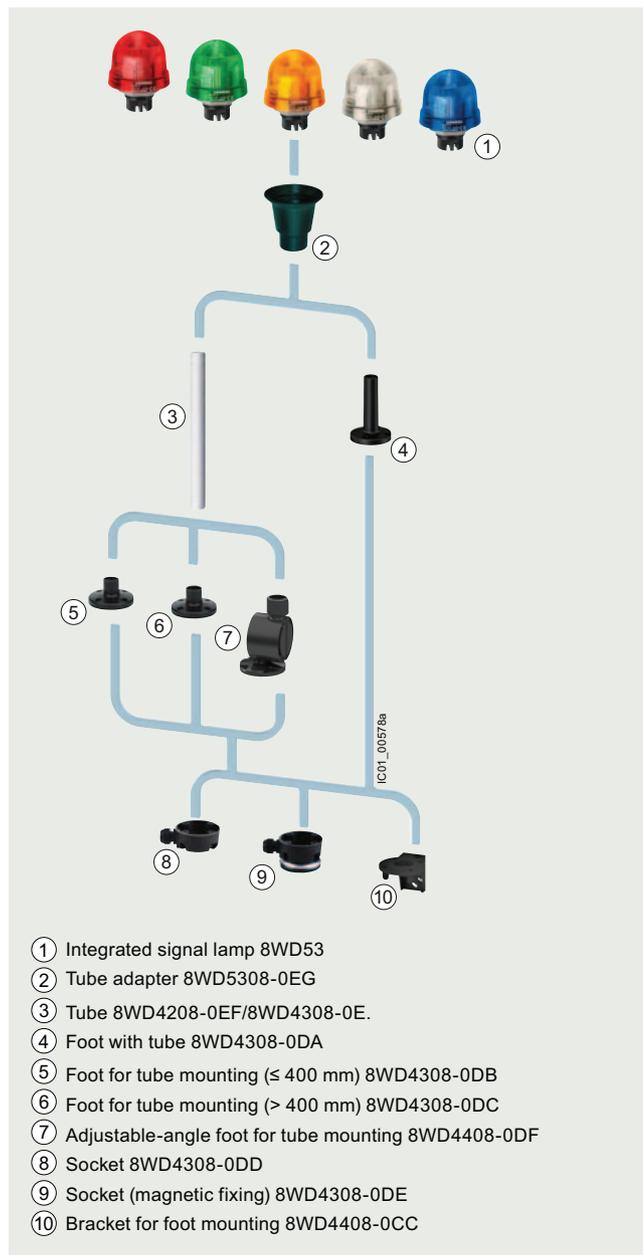
8WD53 integrated signal lamps can be mounted at any point of the machine for the purpose of giving visual signals. They are mounted by means of a PG-29 screw base with nut.

#### Application

SIRIUS 8WD53 integrated signal lamps can be used as visual signaling devices in harsh ambient conditions and in outdoor installations.

Visual signaling devices for indicating operating conditions can be used for the following applications:

- Manufacturing plants
- Injection molding machines
- Conveyors
- Assembly systems for electronic components



8WD53 integrated signal lamps with five elements

## Commanding and signaling devices

### SIRIUS 8WD5 integrated signal lamps

#### 8WD53 integrated signal lamps, 70 mm diameter

#### Technical specifications

Type	<b>8WD53</b>	
<b>General data</b>		
<b>Approvals</b>	UL, CSA, UKCA	
<b>Light elements</b>		
<b>Rated voltage, power consumption</b>	(AC values at 50 Hz)	
• Continuous light, BA15d (incandescent lamp)	V AC/DC/W	24, 115, 230/5
• Continuous light, BA15d (LED)	V AC/DC	12 ... 230
• Flashlight	V DC/mA	24/125
	AC/mA	115/22
	AC/mA	230/35
• Light elements with integrated LED	V AC/DC/mA	24/45
<b>LED lights</b>		
• Blinklight	Hz	Blink frequency approx. 1
• Rotating light	r/min	Rotational frequency approx. 120
<b>Inrush current</b>		
• LED light	A	< 0.5
• Flashlight	A	< 0.5
<b>Enclosures</b>		
<b>Enclosure material</b>	PC/ABS shield, impact-resistant, black	
<b>Spherical cap</b>	Thermoplast (polycarbonate) impact-resistant up to 20 J	
<b>Mounting</b>	Drill hole Ø 37 mm (PG 29)	
<b>Cable connection</b>	Radial or axial	
<b>Degree of protection</b>	IP65	
<b>Ambient temperature</b>		
• Continuous light (incandescent lamp)	°C	-20 ... +60
• Flashlight, LED light	°C	-20 ... +50

**Selection and ordering data**

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V							
<b>Light elements for incandescent lamp/LED, BA15d base<sup>1)</sup></b>							
 8WD5300-1AB	<b>Continuous lights</b> (without lamp)	12 ... 230 AC/DC	Red	<b>8WD5300-1AB</b>		1	1 unit 41J
			Green	<b>8WD5300-1AC</b>		1	1 unit 41J
			Yellow	<b>8WD5300-1AD</b>		1	1 unit 41J
			Clear	<b>8WD5300-1AE</b>		1	1 unit 41J
			Blue	<b>8WD5300-1AF</b>		1	1 unit 41J
<b>Light elements with integrated flash lamp</b>							
 8WD5320-0CC	<b>Flashlights</b> With integrated electronic flash	24 DC	Red	<b>8WD5320-0CB</b>		1	1 unit 41J
			Green	<b>8WD5320-0CC</b>		1	1 unit 41J
			Yellow	<b>8WD5320-0CD</b>		1	1 unit 41J
			Clear	<b>8WD5320-0CE</b>		1	1 unit 41J
			Blue	<b>8WD5320-0CF</b>		1	1 unit 41J
 8WD5350-0CD		115 AC	Red	<b>8WD5340-0CB</b>		1	1 unit 41J
			Green	<b>8WD5340-0CC</b>		1	1 unit 41J
			Yellow	<b>8WD5340-0CD</b>		1	1 unit 41J
			Clear	<b>8WD5340-0CE</b>		1	1 unit 41J
			Blue	<b>8WD5340-0CF</b>		1	1 unit 41J
		230 AC	Red	<b>8WD5350-0CB</b>		1	1 unit 41J
			Green	<b>8WD5350-0CC</b>		1	1 unit 41J
			Yellow	<b>8WD5350-0CD</b>		1	1 unit 41J
			Clear	<b>8WD5350-0CE</b>		1	1 unit 41J
			Blue	<b>8WD5350-0CF</b>		1	1 unit 41J
<b>Light elements with integrated LED</b>							
 8WD5320-5AE	<b>Continuous lights</b>	24 AC/DC	Red	<b>8WD5320-5AB</b>		1	1 unit 41J
			Green	<b>8WD5320-5AC</b>		1	1 unit 41J
			Yellow	<b>8WD5320-5AD</b>		1	1 unit 41J
			Clear	<b>8WD5320-5AE</b>		1	1 unit 41J
			Blue	<b>8WD5320-5AF</b>		1	1 unit 41J
 8WD5320-5DF	<b>Blinklights</b>	24 AC/DC	Red	<b>8WD5320-5BB</b>		1	1 unit 41J
			Green	<b>8WD5320-5BC</b>		1	1 unit 41J
			Yellow	<b>8WD5320-5BD</b>		1	1 unit 41J
			Clear	<b>8WD5320-5BE</b>		1	1 unit 41J
			Blue	<b>8WD5320-5BF</b>		1	1 unit 41J
	<b>Rotating lights</b>	24 AC/DC	Red	<b>8WD5320-5DB</b>		1	1 unit 41J
			Green	<b>8WD5320-5DC</b>		1	1 unit 41J
			Yellow	<b>8WD5320-5DD</b>		1	1 unit 41J
			Clear	<b>8WD5320-5DE</b>		1	1 unit 41J
			Blue	<b>8WD5320-5DF</b>		1	1 unit 41J

<sup>1)</sup> The lamp is not included in the scope of supply. Please order separately, see page 13/188.

## Commanding and signaling devices

### SIRIUS 8WD5 integrated signal lamps

#### 8WD53 integrated signal lamps, 70 mm diameter

#### Accessories

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Essential accessory required for mounting on tubes</b>						
 8WD5308-0EG	<b>Tube adapter</b> This accessory is an essential prerequisite for use of the mounting accessories listed below.	Black	<b>8WD5308-0EG</b>	1	1 unit	41J
<b>Mounting (optional)</b>						
 8WD4308-0DA	<b>Foot with tube</b> Tube length 100 mm	Black	<b>8WD4308-0DA</b>	1	1 unit	41J
 8WD4308-0DC	<b>Feet, single</b> • Plastic, for tube mounting, for tube lengths ≤ 400 mm • Metal, for tube mounting, for tube lengths > 400 mm	Black	<b>8WD4308-0DB</b>	1	1 unit	41J
 8WD4408-0DF	<b>Adjustable-angle foot</b> For positioning in 7.5° increments <sup>1)</sup> Plastic, for tube mounting (including rubber seal)	Black	<b>8WD4408-0DF</b>	1	1 unit	41J
 8WD4208-0EF	<b>Tubes, single</b> • Length 100 mm • Length 150 mm • Length 250 mm • Length 400 mm • Length 1 000 mm	Silver	<b>8WD4208-0EF</b>	1	1 unit	41J
 8WD4308-0DD	<b>Sockets for feet</b> • Side cable outlet (can also be used without feet)	Black	<b>8WD4308-0DD</b>	1	1 unit	41J
 8WD4308-0DE	• Side cable outlet, with magnetic fixing <sup>2)</sup>	Black	<b>8WD4308-0DE</b>	1	1 unit	41J
 8WD4408-0CC	<b>Bracket for foot mounting</b> Mounting with feet and tube	Black	<b>8WD4408-0CC</b>	1	1 unit	41J

<sup>1)</sup> Markings for 30°, 45°, 60° and 90°.

<sup>2)</sup> For horizontal mounting, only one element is recommended.

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Lamps</b>							
<b>Incandescent lamps, 5 W</b>							
 8WD4328-1XX	BA15d base	24 AC/DC	Clear	<b>8WD4328-1XX</b>	1	10 units	41J
		115 AC	Clear	<b>8WD4348-1XX</b>	1	10 units	41J
		230 AC	Clear	<b>8WD4358-1XX</b>	1	10 units	41J
<b>LEDs</b>							
 8WD4428-6XE	BA15d base	24 AC/DC	Red	<b>8WD4428-6XB</b>	1	1 unit	41J
			Green	<b>8WD4428-6XC</b>	1	1 unit	41J
			Yellow	<b>8WD4428-6XD</b>	1	1 unit	41J
			Clear	<b>8WD4428-6XE</b>	1	1 unit	41J
			Blue	<b>8WD4428-6XF</b>	1	1 unit	41J
		115 AC	Red	<b>8WD4448-6XB</b>	1	1 unit	41J
			Green	<b>8WD4448-6XC</b>	1	1 unit	41J
			Yellow	<b>8WD4448-6XD</b>	1	1 unit	41J
			Clear	<b>8WD4448-6XE</b>	1	1 unit	41J
			Blue	<b>8WD4448-6XF</b>	1	1 unit	41J
		230 AC	Red	<b>8WD4458-6XB</b>	1	1 unit	41J
			Green	<b>8WD4458-6XC</b>	1	1 unit	41J
			Yellow	<b>8WD4458-6XD</b>	1	1 unit	41J
			Clear	<b>8WD4458-6XE</b>	1	1 unit	41J
			Blue	<b>8WD4458-6XF</b>	1	1 unit	41J

\* You can order this quantity or a multiple thereof. Illustrations are approximate