System overview

Small distribution boards ALPHA

SIMBOX XL	SIMBOX WP

ALPHA SIMBOX XL

Flush-mounting and
hollow-wall distri-
bution boards

Surface-mounting
distribution boards

Multimedia distribution
boards

Accessories

Terminal strips

RCCB terminals

Door locking kit

Mounting aid for flush
mounting

ALPHA SIMBOX WP

Surface-mounting
distribution boards

Accessories

Covers

N/PE terminal strips

Inner partitions

Safety cylinder locks

Note:
You will find a detailed range of accessories with the basic units.

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ALPHA SIMBOX XL small distribution boards

Flush-mounting and hollow-wall distribution boards, rated current up to 63 A

				Complete supply	Project supply	
Degree of protection				IP30	IP30	

Dimensions			Type	Protection class II	Protection class II	
Width	Depth	Height			Wall-recessed box	Expansion package
Flush-mounting distribution boards						
365 mm	98 mm	400 mm	1-tier	8GB5012-1KM	8GB5212-1KM01	8GB5212-3KM01
		525 mm	2-tier	8GB5024-1KM	8GB5224-1KM01	8GB5224-3KM01
		650 mm	3-tier	8GB5036-1KM	8GB5236-1KM01	8GB5236-3KM01
		775 mm	4-tier	8GB5048-1KM	8GB5248-1KM01	8GB5248-3KM01
		900 mm	5-tier	8GB5060-4KM	–	–
Hollow-wall distribution boards						
323 mm	88 mm	360 mm	1-tier	8GB5012-4KM	8GB5212-2KM01	8GB5212-4KM01
		485 mm	2-tier	8GB5024-4KM	8GB5224-2KM01	8GB5224-4KM01
		610 mm	3-tier	8GB5036-4KM	8GB5236-2KM01	8GB5236-4KM01
		735 mm	4-tier	8GB5048-4KM	8GB5248-2KM01	8GB5248-4KM01
		900 mm	5-tier	8GB5060-4KM	–	–

Accessories

Terminal strips with plug-in terminals

	Type	Potential 1	Potential 2	Article No.
	N/PE	N = $3 \times 25 + 14 \times 4$ mm²	PE = $3 \times 25 + 14 \times 14$ mm²	8GB5016-5KM
	N/N	N1 = $3 \times 25 + 14 \times 4$ mm²	N2 = $3 \times 25 + 14 \times 14$ mm²	8GB5017-5KM
	N	N = $6 \times 25 + 28 \times 4$ mm²		8GB5020-5KM
	PE	PE = $6 \times 16 + 28 \times 5$ mm²		8GB5021-5KM

Terminal strips with screw terminals

	Type	Potential 1	Potential 2	Article No.
	N/PE	N = $3 \times 16 + 14 \times 10$ mm²	PE = $3 \times 16 + 14 \times 10$ mm²	8GB5008-5KM
	N/N	N1 = $3 \times 16 + 14 \times 10$ mm²	N2 = $3 \times 16 + 14 \times 10$ mm²	8GB5015-5KM
	N	N = $6 \times 16 + 28 \times 10$ mm²		8GB5010-5KM
	PE	PE = $6 \times 16 + 28 \times 10$ mm²		8GB5011-5KM

RCCB terminals

	Use	Potential	Article No.
	For distributing the neutral conductor to two RCCBs	N = $3 \times 16 + 2 \times 10$ mm²	8GB5005-5KM

Door locking kit

	Use	Feature	Article No.
	For snapping into door handle	With two keys	8GB5006-5KM

Blanking strips

	Width	Feature	Color	Article No.
	12 MW	Increased flame protection up to 850 °C	White	8GB4683

Mounting aid for flush mounting

	Use	Article No.
	For flush-mounting and hollow-wall distribution boards	8GB5013-5KM

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Surface-mounting distribution boards, rated current up to 63 A

				Distribution boards without door	Metal doors, white	Plastic doors, white
Degree of protection				IP30	IP30	IP30

External dimensions			**Type**	**Protection class II**	**Protection class II**	**Protection class II**
Width	**Depth**	**Height**				
Surface-mounting distribution boards						
305 mm	99 mm	250 mm	1-tier	8GB5012-0KM	8GB5001-5KM	8GB5001-5KM01
		375 mm	2-tier	8GB5024-0KM	8GB5002-5KM	8GB5002-5KM01
		515 mm	3-tier	8GB5036-0KM	8GB5003-5KM	8GB5003-5KM01
		640 mm	4-tier	8GB5048-0KM	8GB5004-5KM	8GB5004-5KM01

Accessories

Terminal strips with plug-in terminals			
Type	**Potential 1**	**Potential 2**	**Article No.**
N/PE	N $= 3 \times 25 + 14 \times 4$ mm²	PE $= 3 \times 25 + 14 \times 14$ mm²	8GB5016-5KM
N/N	N1 $= 3 \times 25 + 14 \times 4$ mm²	N2 $= 3 \times 25 + 14 \times 14$ mm²	8GB5017-5KM
N	N $= 6 \times 25 + 28 \times 4$ mm²		8GB5020-5KM
PE	PE $= 6 \times 16 + 28 \times 5$ mm²		8GB5021-5KM

Terminal strips with screw terminals			
Type	**Potential 1**	**Potential 2**	**Article No.**
N/PE	N $= 3 \times 16 + 14 \times 10$ mm²	PE $= 3 \times 16 + 14 \times 10$ mm²	8GB5008-5KM
N/N	N1 $= 3 \times 16 + 14 \times 10$ mm²	N2 $= 3 \times 16 + 14 \times 10$ mm²	8GB5015-5KM
N	N $= 6 \times 16 + 28 \times 10$ mm²		8GB5010-5KM
PE	PE $= 6 \times 16 + 28 \times 10$ mm²		8GB5011-5KM

RCCB terminals		
Use	**Potential**	**Article No.**
For distributing the neutral conductor to two RCCBs	N $= 3 \times 16 + 2 \times 10$ mm²	8GB5005-5KM

Door locking kit		
Use	**Feature**	**Article No.**
For snapping into door handle	With two keys	8GB5006-5KM

Blanking strips			
Width	**Feature**	**Color**	**Article No.**
12 MW	Increased flame protection up to 850 °C	White	8GB4683

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ALPHA SIMBOX XL small distribution boards

Multimedia distribution boards, rated current up to 63 A

Multimedia distribution boards				
Degree of protection IP30				

Recess dimensions			Type	Protection class II
Width	Depth	Height		
Flush-mounting and hollow-wall distribution boards				
364 mm	98 mm	650 mm	3-tier	8GB5036-3KM01
		775 mm	4-tier	8GB5048-3KM01
		900 mm	5-tier	8GB5060-3KM01
Surface-mounting distribution boards				
323 mm	88 mm	605 mm	3-tier	8GB5036-3KM00
		730 mm	4-tier	8GB5048-3KM00

Accessories

Connecting lugs	
Use	**Article No.**
For installing several distribution boards in a row, vertically or horizontally	8GB5025-5KM

Distribution board connector set for hollow-wall mounting	
Typ	**Article No.**
3-tier	8GB5054-0
4-tier	8GB5054-1
5-tier	8GB5054-2

Door handle SIMBOX XL	
	Article No.
	8GB5054-3

Door hinges SIMBOX XL	
	Article No.
	8GB5054-4

Hollow-wall mounting set	
	Article No.
	8GB5054-5

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ALPHA SIMBOX WP small distribution boards

Surface-mounting distribution boards, rated current up to 63 A

	Unequipped surface-mounting distribution boards
Degree of protection	IP65

Type	External dimensions			Protection class II
	Height	**Width**	**Depth**	
Surface-mounting distribution boards (order N/PE terminal strip separately)				
1-tier	210 mm	143 mm	100 mm	8GB1371-0
		215 mm	100 mm	8GB1371-1
	260 mm	298 mm	140 mm	8GB1371-2
	285 mm	410 mm	140 mm	8GB1371-3
2-tier	420 mm	298 mm	140 mm	8GB1372-2
	463 mm	410 mm	140 mm	8GB1372-3
3-tier	655 mm	410 mm	140 mm	8GB1373-3
4-tier	878 mm	410 mm	160 mm	8GB1374-3

Accessories

Covers

- For connection of conduit and cable duct entries
- Snap-on mounting

MW	Article No.
12	8GB2051-0
18	8GB2051-1

N/PE terminal strips
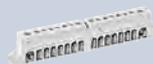
- For snapping onto device holder

MW	Potential 1	Potential 2	Article No.
8	N = 1 × 25 + 7 × 10 mm²	PE = 1 × 25 + 7 × 10 mm²	8GB2052-0
12	N = 3 × 25 + 10 × 10 mm²	PE = 3 × 25 + 10 × 10 mm²	8GB2052-1
18	N = 5 × 25 + 14 × 10 mm²	PE = 5 × 25 + 14 × 10 mm²	8GB2052-2

Inner partitions, horizontal

MW	Article No.
12	8GB2053-0
18	8GB2053-1

Front covers

MW	Article No.
12	8GB2054-0
18	8GB2054-1

Safety cylinder locks

Material	Scope of supply	Article No.
Metal	With key	8GB2055-0

Blanking strips

Type	Color	Article No.
For 12 MW (1 MW = 18 mm)	RAL 7035 (light gray)	8GK9910-0KK00

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