

System overview

Distribution boards, assembly kits and accessories



1 Unequipped distribution boards



ALPHA 1250



ALPHA 630



ALPHA 630



ALPHA 400



ALPHA 160



ALPHA SIMBOX XL and WP

2 Quick-assembly kits



ALPHA 1250/630/400



ALPHA 160

3 Assembly kits



For modular installation devices



For terminal blocks



For fuse switch disconnectors



For switch disconnectors



For molded case circuit breakers



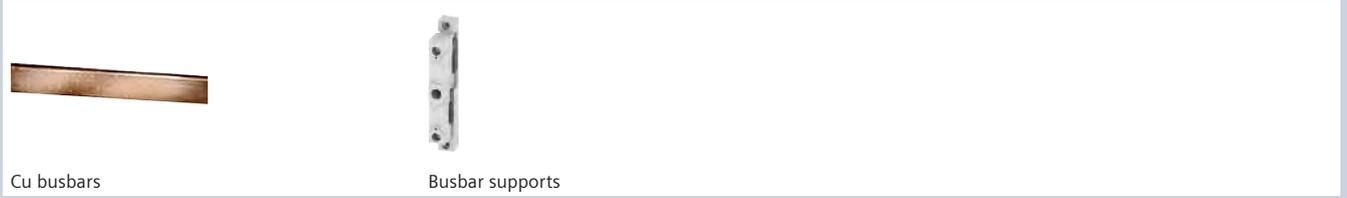
For busbar-adaptable units

Note:

You will find a detailed range of accessories with the basic units and in the Accessories section.



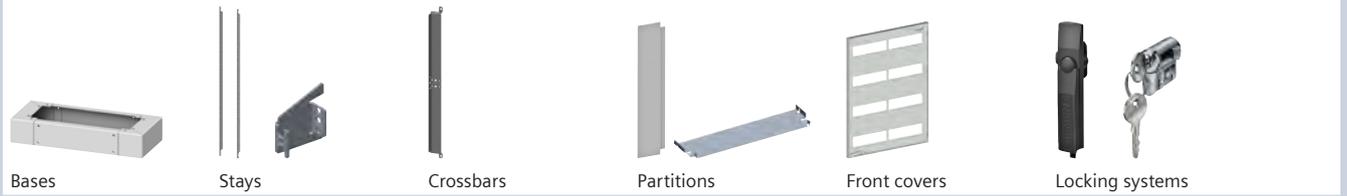
4 Busbars



Cu busbars

Busbar supports

5 Mechanical accessories



Bases

Stays

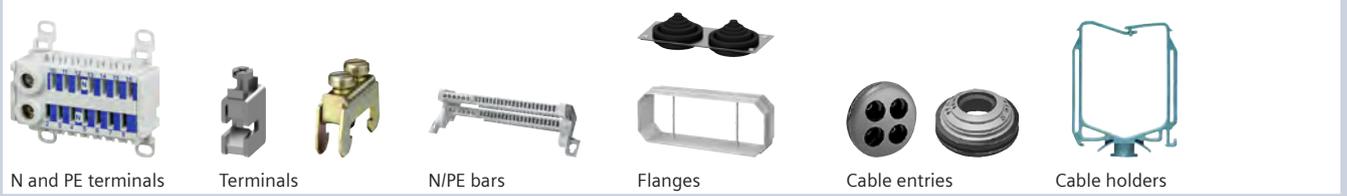
Crossbars

Partitions

Front covers

Locking systems

6 Electrical accessories



N and PE terminals

Terminals

N/PE bars

Flanges

Cable entries

Cable holders

Note:
You will find a detailed range of accessories with the basic units and in the Accessories section.

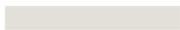
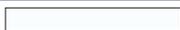
Special colors for ALPHA

Additional options

To specify the options, add "-Z" to the complete article number and indicate the appropriate order code(s).

8GK.....-.....-..... -Z

Order code

	RAL 1003, signal yellow				C	2	7		
	RAL 2000, yellow orange				C	2	5		
	RAL 3000, flame red				C	3	1		
	RAL 5005, signal blue				C	2	3		
	RAL 5010, gentian blue				C	2	4		
	RAL 5017, traffic blue				C	2	2		
	RAL 6018, yellow green				C	2	6		
	RAL 7032, pebble gray				C	1	3		
	RAL 7033, cement gray				C	2	8		
	RAL 7035, light gray	Smooth			C	1	1		
		Surface structure			C	1	2		
	RAL 7038, agate gray				C	1	4		
	RAL 9001, cream				C	2	1		
	RAL 9002, gray white				C	1	9		
	RAL 9003, signal white				C	2	0		
	RAL 9005, jet black				C	1	7		
	RAL 9010, pure white	Smooth			C	1	5		
		Surface structure			C	3	0		
	RAL 9016, traffic white				C	1	0		

ALPHA 1250 floor-mounted distribution boards

Rated current 1250 A

		Degree of protection		Unequipped distribution boards With open side panel	IP55	Unequipped distribution boards for isolating transformers With open side panel	IP30	With closed side panel	IP30
Height	Depth	Tiers/MW	Width	Protection class I	Protection class I	Protection class I			
Outside	Outside		Outside						
Inside	Inside		Inside						
1950 mm	1800 mm	400 mm	300 mm	250 mm	8GK1423-8KK15	8GK1483-8KP15	8GK1483-8KN15		
			550 mm	500 mm	8GK1423-8KK25	8GK1483-8KP25	8GK1483-8KN25		
			800 mm	750 mm	8GK1423-8KK35	8GK1483-8KP35	8GK1483-8KN35		
			1050 mm	1000 mm	8GK1423-8KK45	8GK1483-8KP45	8GK1483-8KN45		
			1300 mm	1250 mm	8GK1423-8KK55	–	–		

Accessories

Spare part doors



Height	Cubicle width	Door version	Door width	Article No.	
1950 mm	300 mm	Complete	300 mm	8GK9513-8KK10	
	550 mm	Complete	550 mm	8GK9513-8KK20	
	800 mm		Left	525 mm	8GK9513-8KK30
			Right	275 mm	8GK9513-8KK40
	1050 mm		Left	525 mm	8GK9513-8KK30
			Right	525 mm	8GK9513-8KK50
	1300 mm		Left	775 mm	8GK9513-8KK60
			Right	525 mm	8GK9513-8KK50

Side panels, modular distribution board



Depth	Article No.
400 mm	8GK9520-0KK05

Assembly kits for masking frame for front cover



- For mounting the mounting stays at the rear of the modular distribution board

Height	Width	Article No.
1800 mm	250 mm	8GK9913-0KK10
	500 mm	8GK9913-0KK20
	750 mm	8GK9913-0KK30
	1000 mm	8GK9913-0KK40
	1250 mm	8GK9913-0KK50

See flange for cable entry, IP55 from page 15/265

Busbar supports



- Busbar spacing 100/185 mm

Type	Article No.
With matching support plate for mounting on the rear panel	8GK9720-0KK00
Without support plate for mounting on the busbar (no fixing to the cabinet enclosure)	8GK9720-0KK01

PEN bar holders and N/PE busbar supports

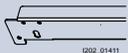
Type	Article No.
PEN bar holder	8GK9721-0KK00

Pin insulator for N busbar



Version	Article No.
1P with M10 female thread and holder	8GK9110-0KK00

Crossbar N/PEN pin insulators and/or holders for PEN bars



Width	Article No.
250 mm	8GK4854-0KK10
500 mm	8GK4854-0KK20
750 mm	8GK4854-0KK30
1000 mm	8GK4854-0KK40
1250 mm	8GK4854-0KK50

Longitudinal stays



Height	Depth	Article No.
1800 mm	250/320/400 mm	8GK4853-8KK02

ALPHA 1250 marshaling boxes

Rated current 630 A

Marshaling boxes

Degree of protection IP55



Height Outside	Depth Outside	Width Outside	Inside	Protection class I
500 mm	400 mm	300 mm	250 mm	8GK1383-1KK15
		550 mm	500 mm	8GK1383-1KK25
		800 mm	750 mm	8GK1383-1KK35
		1050 mm	1000 mm	8GK1383-1KK45
		1300 mm	1250 mm	8GK1383-1KK55
650 mm	400 mm	300 mm	250 mm	8GK1383-2KK15
		550 mm	500 mm	8GK1383-2KK25
		800 mm	750 mm	8GK1383-2KK35
		1050 mm	1000 mm	8GK1383-2KK45
		1300 mm	1250 mm	8GK1383-2KK55

ALPHA 630 floor-mounted distribution boards

Rated current 630 A

Unequipped distribution boards

Welded and riveted

Degree of protection IP44



Height Outside	Inside	Depth Outside	Tiers/MW	Width		Protection class I	Protection class II
				Outside	Inside		
1950 mm	1800 mm	210 mm	12/144	300 mm	250 mm	8GK1322-8KA12	8GK1332-8KA12
			24/288	550 mm	500 mm	8GK1322-8KA22	8GK1332-8KA22
			36/432	800 mm	750 mm	8GK1322-8KA32	8GK1332-8KA32
			48/576	1050 mm	1000 mm	8GK1322-8KA42	8GK1332-8KA42
			60/720	1300 mm	1250 mm	8GK1322-8KA52	8GK1332-8KA52
		250 mm	12/144	300 mm	250 mm	–	–
			24/288	550 mm	500 mm	–	–
			36/432	800 mm	750 mm	–	–
			48/576	1050 mm	1000 mm	–	–
			60/720	1300 mm	1250 mm	–	–
		320 mm	12/144	300 mm	250 mm	–	–
			24/288	550 mm	500 mm	–	–
			36/432	800 mm	750 mm	–	–
			48/576	1050 mm	1000 mm	–	–
			60/720	1300 mm	1250 mm	–	–

Accessories

Spare part doors

Height	Cubicle width	Door version	Door width	Article No.	
1950 mm	300 mm	Complete	300 mm	8GK9513-8KK10	
	550 mm	Complete	550 mm	8GK9513-8KK20	
	800 mm		Left	525 mm	8GK9513-8KK30
			Right	275 mm	8GK9513-8KK40
	1050 mm		Left	525 mm	8GK9513-8KK30
			Right	525 mm	8GK9513-8KK50
	1300 mm		Left	775 mm	8GK9513-8KK60
			Right	525 mm	8GK9513-8KK50

Side panels, modular distribution board

Depth	Article No.
250/320 mm	8GK9520-0KK03

Assembly kits for masking frame for front cover

Height	Width	Article No.
1800 mm	250 mm	8GK9913-0KK10
	500 mm	8GK9913-0KK20
	750 mm	8GK9913-0KK30
	1000 mm	8GK9913-0KK40
	1250 mm	8GK9913-0KK50

With closed side panel		With open side panel		Flat pack	
IP55		IP55		IP43	
Protection class I		Protection class II		Protection class I	
Protection class II		Protection class I		Protection class II	
–	–	–	–	8GK1302-8KK12	8GK1312-8KK12
–	–	–	–	8GK1302-8KK22	8GK1312-8KK22
–	–	–	–	8GK1302-8KK32	8GK1312-8KK32
–	–	–	–	8GK1302-8KK42	8GK1312-8KK42
–	–	–	–	8GK1302-8KK52	8GK1312-8KK52
8GK1323-8KN13	8GK1333-8KN13	8GK1323-8KP13	–	–	–
8GK1323-8KN23	8GK1333-8KN23	8GK1323-8KP23	–	–	–
8GK1323-8KN33	8GK1333-8KN33	8GK1323-8KP33	–	–	–
8GK1323-8KN43	8GK1333-8KN43	8GK1323-8KP43	–	–	–
8GK1323-8KN53	8GK1333-8KN53	8GK1323-8KP53	–	–	–
8GK1323-8KN14	8GK1333-8KN14	8GK1323-8KP14	–	–	–
8GK1323-8KN24	8GK1333-8KN24	8GK1323-8KP24	–	–	–
8GK1323-8KN34	8GK1333-8KN34	8GK1323-8KP34	–	–	–
8GK1323-8KN44	8GK1333-8KN44	8GK1323-8KP44	–	–	–
8GK1323-8KN54	8GK1333-8KN54	8GK1323-8KP54	–	–	–

ALPHA 630 marshaling boxes

Rated current 630 A



Height Outside	Depth Outside	Width		Protection class I		
		Outside	Inside			
350 mm	210 mm ¹⁾	300 mm	250 mm	8GK1382-0KK12	–	
		550 mm	500 mm	8GK1382-0KK22	–	
		800 mm	750 mm	8GK1382-0KK32	–	
		1050 mm	1000 mm	8GK1382-0KK42	–	
		1300 mm	1250 mm	8GK1382-0KK52	–	
	250 mm	300 mm	250 mm	–	8GK1383-0KK13	
		550 mm	500 mm	–	8GK1383-0KK23	
		800 mm	750 mm	–	8GK1383-0KK33	
		1050 mm	1000 mm	–	8GK1383-0KK43	
		1300 mm	1250 mm	–	8GK1383-0KK53	
	320 mm	300 mm	250 mm	–	8GK1383-0KK14	
		550 mm	500 mm	–	8GK1383-0KK24	
		800 mm	750 mm	–	8GK1383-0KK34	
		1050 mm	1000 mm	–	8GK1383-0KK44	
		1300 mm	1250 mm	–	8GK1383-0KK54	
500 mm	250 mm	300 mm	250 mm	–	8GK1383-1KK13	
		550 mm	500 mm	–	8GK1383-1KK23	
		800 mm	750 mm	–	8GK1383-1KK33	
		1050 mm	1000 mm	–	8GK1383-1KK43	
		1300 mm	1250 mm	–	8GK1383-1KK53	
	320 mm	300 mm	250 mm	–	8GK1383-1KK14	
		550 mm	500 mm	–	8GK1383-1KK24	
		800 mm	750 mm	–	8GK1383-1KK34	
		1050 mm	1000 mm	–	8GK1383-1KK44	
		1300 mm	1250 mm	–	8GK1383-1KK54	
	650 mm	250 mm	300 mm	250 mm	–	8GK1383-2KK13
			550 mm	500 mm	–	8GK1383-2KK23
			800 mm	750 mm	–	8GK1383-2KK33
			1050 mm	1000 mm	–	8GK1383-2KK43
			1300 mm	1250 mm	–	8GK1383-2KK53
320 mm		300 mm	250 mm	–	8GK1383-2KK14	
		550 mm	500 mm	–	8GK1383-2KK24	
		800 mm	750 mm	–	8GK1383-2KK34	
		1050 mm	1000 mm	–	8GK1383-2KK44	
		1300 mm	1250 mm	–	8GK1383-2KK54	

¹⁾ For flat pack distribution boards only

ALPHA 400 distribution boards

Rated current 400 A

Surface-mounting distribution boards

Flat pack

Degree of protection IP43



Height Outside	Inside	Depth Outside	Tiers/MW	Width Outside	Inside	Protection class I	Protection class II
500 mm	450 mm	210 mm	3/36	300 mm	250 mm	–	–
			6/72	550 mm	500 mm	–	–
650 mm	600 mm	210 mm	4/48	300 mm	250 mm	8GK1102-2KK12	8GK1112-2KK12
			8/96	550 mm	500 mm	8GK1102-2KK22	8GK1112-2KK22
			12/144	800 mm	750 mm	8GK1102-2KK32	8GK1112-2KK32
			16/192	1050 mm	1000 mm	8GK1102-2KK42	8GK1112-2KK42
800 mm	750 mm	210 mm	5/60	300 mm	250 mm	8GK1102-3KK12	8GK1112-3KK12
			10/120	550 mm	500 mm	8GK1102-3KK22	8GK1112-3KK22
			15/180	800 mm	750 mm	8GK1102-3KK32	8GK1112-3KK32
			20/240	1050 mm	1000 mm	8GK1102-3KK42	8GK1112-3KK42
950 mm	900 mm	210 mm	6/72	300 mm	250 mm	8GK1102-4KK12	8GK1112-4KK12
			12/144	550 mm	500 mm	8GK1102-4KK22	8GK1112-4KK22
			18/216	800 mm	750 mm	8GK1102-4KK32	8GK1112-4KK32
			24/288	1050 mm	1000 mm	8GK1102-4KK42	8GK1112-4KK42
			30/360	1300 mm	1250 mm	8GK1102-4KK52	8GK1112-4KK52
1100 mm	1050 mm	210 mm	7/84	300 mm	250 mm	8GK1102-5KK12	8GK1112-5KK12
			14/168	550 mm	500 mm	8GK1102-5KK22	8GK1112-5KK22
			21/252	800 mm	750 mm	8GK1102-5KK32	8GK1112-5KK32
			28/336	1050 mm	1000 mm	8GK1102-5KK42	8GK1112-5KK42
			35/420	1300 mm	1250 mm	8GK1102-5KK52	8GK1112-5KK52
1250 mm	1200 mm	210 mm	8/96	300 mm	250 mm	8GK1102-6KK12	8GK1112-6KK12
			16/192	550 mm	500 mm	8GK1102-6KK22	8GK1112-6KK22
			24/288	800 mm	750 mm	8GK1102-6KK32	8GK1112-6KK32
			32/384	1050 mm	1000 mm	8GK1102-6KK42	8GK1112-6KK42
			40/480	1300 mm	1250 mm	8GK1102-6KK52	8GK1112-6KK52
1400 mm	1350 mm	210 mm	9/108	300 mm	250 mm	8GK1102-7KK12	8GK1112-7KK12
			18/216	550 mm	500 mm	8GK1102-7KK22	8GK1112-7KK22
			27/324	800 mm	750 mm	8GK1102-7KK32	8GK1112-7KK32
			36/432	1050 mm	1000 mm	8GK1102-7KK42	8GK1112-7KK42
			45/540	1300 mm	1250 mm	8GK1102-7KK52	8GK1112-7KK52

Unequipped distribution boards		Flush-mounting distribution boards Unequipped distribution boards		
IP44		IP55		IP31
				
Protection class I	Protection class II	Protection class I	Protection class II	Protection class I
8GK1122-1KA12	–	–	–	–
8GK1122-1KA22	–	–	–	–
8GK1122-2KA12	8GK1132-2KA12	–	–	–
8GK1122-2KA22	8GK1132-2KA22	–	–	–
8GK1122-2KA32	8GK1132-2KA32	–	–	–
8GK1122-2KA42	8GK1132-2KA42	–	–	–
8GK1122-3KA12	8GK1132-3KA12	–	–	–
8GK1122-3KA22	8GK1132-3KA22	–	–	8GK1121-3KK22
8GK1122-3KA32	8GK1132-3KA32	–	–	8GK1121-3KK32
8GK1122-3KA42	8GK1132-3KA42	–	–	–
8GK1122-4KA12	8GK1132-4KA12	8GK1123-4KA12	8GK1133-4KA12	–
8GK1122-4KA22	8GK1132-4KA22	8GK1123-4KA22	8GK1133-4KA22	8GK1121-4KK22
8GK1122-4KA32	8GK1132-4KA32	8GK1123-4KA32	8GK1133-4KA32	8GK1121-4KK32
8GK1122-4KA42	8GK1132-4KA42	8GK1123-4KA42	8GK1133-4KA42	–
8GK1122-4KA52	8GK1132-4KA52	8GK1123-4KA52	8GK1133-4KA52	–
8GK1122-5KA12	8GK1132-5KA12	8GK1123-5KA12	8GK1133-5KA12	–
8GK1122-5KA22	8GK1132-5KA22	8GK1123-5KA22	8GK1133-5KA22	–
8GK1122-5KA32	8GK1132-5KA32	8GK1123-5KA32	8GK1133-5KA32	–
8GK1122-5KA42	8GK1132-5KA42	8GK1123-5KA42	8GK1133-5KA42	–
8GK1122-5KA52	8GK1132-5KA52	8GK1123-5KA52	8GK1133-5KA52	–
8GK1122-6KA12	8GK1132-6KA12	8GK1123-6KA12	8GK1133-6KA12	–
8GK1122-6KA22	8GK1132-6KA22	8GK1123-6KA22	8GK1133-6KA22	8GK1121-6KK22
8GK1122-6KA32	8GK1132-6KA32	8GK1123-6KA32	8GK1133-6KA32	8GK1121-6KK32
8GK1122-6KA42	8GK1132-6KA42	8GK1123-6KA42	8GK1133-6KA42	–
8GK1122-6KA52	8GK1132-6KA52	8GK1123-6KA52	8GK1133-6KA52	–
8GK1122-7KA12	8GK1132-7KA12	8GK1123-7KA12	8GK1133-7KA12	–
8GK1122-7KA22	8GK1132-7KA22	8GK1123-7KA22	8GK1133-7KA22	8GK1121-7KK22
8GK1122-7KA32	8GK1132-7KA32	8GK1123-7KA32	8GK1133-7KA32	8GK1121-7KK32
8GK1122-7KA42	8GK1132-7KA42	8GK1123-7KA42	8GK1133-7KA42	–
8GK1122-7KA52	8GK1132-7KA52	8GK1123-7KA52	8GK1133-7KA52	–

ALPHA 400 distribution boards

Rated current 400 A

Accessories

Spare part doors



Height	Cubicle width	Door version	Door width	Article No.
950 mm	300 mm	Complete	300 mm	8GK9510-6KK10
		Complete	550 mm	8GK9510-6KK20
	550 mm	Left	525 mm	8GK9510-6KK31
		Right	275 mm	8GK9510-6KK42
	800 mm	Left	525 mm	8GK9510-6KK31
		Right	525 mm	8GK9510-6KK52
	1050 mm	Left	775 mm	8GK9510-6KK51
		Right	525 mm	8GK9510-6KK52
1100 mm	300 mm	Complete	300 mm	8GK9510-7KK10
		Complete	550 mm	8GK9510-7KK20
	550 mm	Left	525 mm	8GK9510-7KK31
		Right	275 mm	8GK9510-7KK32
	800 mm	Left	525 mm	8GK9510-7KK31
		Right	525 mm	8GK9510-7KK42
	1050 mm	Left	775 mm	8GK9510-7KK41
		Right	525 mm	8GK9510-7KK42
1250 mm	300 mm	Complete	300 mm	8GK9510-8KK10
		Complete	550 mm	8GK9510-8KK20
	550 mm	Left	525 mm	8GK9510-8KK31
		Right	275 mm	8GK9510-8KK32
	800 mm	Left	525 mm	8GK9510-8KK31
		Right	525 mm	8GK9510-8KK52
	1050 mm	Left	775 mm	8GK9510-8KK41
		Right	525 mm	8GK9510-8KK52
1400 mm	300 mm	Complete	300 mm	8GK9510-8KK16
		Complete	550 mm	8GK9510-8KK26
	550 mm	Left	525 mm	8GK9510-8KK37
		Right	275 mm	8GK9510-8KK38
	800 mm	Left	525 mm	8GK9510-8KK37
		Right	525 mm	8GK9510-8KK58
	1050 mm	Left	775 mm	8GK9510-8KK47
		Right	525 mm	8GK9510-8KK58

ALPHA 160 distribution boards

Rated current 160 A

Surface-mounting distribution boards
Unequipped distribution boards

Degree of protection IP44



Height Outside	Inside	Depth Outside	Tiers/MW (MW = 18 mm)	Width		Protection class II
				Outside	Inside	
500 mm	450 mm	140 mm	3/36	300 mm	250 mm	8GK1032-1KK11
			3/72	550 mm	500 mm	8GK1032-1KK21
			3/108	800 mm	750 mm	8GK1032-1KK31
650 mm	600 mm	140 mm	4/48	300 mm	250 mm	8GK1032-2KK11
			4/96	550 mm	500 mm	8GK1032-2KK21
			4/144	800 mm	750 mm	8GK1032-2KK31
			4/192	1050 mm	1000 mm	8GK1032-2KK41
800 mm	750 mm	140 mm	5/60	300 mm	250 mm	8GK1032-3KK11
			5/120	550 mm	500 mm	8GK1032-3KK21
			5/180	800 mm	750 mm	8GK1032-3KK31
			5/240	1050 mm	1000 mm	8GK1032-3KK41
950 mm	900 mm	140 mm	6/72	300 mm	250 mm	8GK1032-4KK11
			6/144	550 mm	500 mm	8GK1032-4KK21
			6/216	800 mm	750 mm	8GK1032-4KK31
			6/288	1050 mm	1000 mm	8GK1032-4KK41
1100 mm	1050 mm	140 mm	7/84	300 mm	250 mm	8GK1032-5KK11
			7/168	550 mm	500 mm	8GK1032-5KK21
			7/252	800 mm	750 mm	8GK1032-5KK31
			7/336	1050 mm	1000 mm	8GK1032-5KK41

Flush-mounting distribution boards
Unequipped distribution boards

Degree of protection IP31



Height Outside	Inside	Depth Outside	Tiers/MW (MW = 18 mm)	Width		Protection class II
				Outside	Inside	
558 mm	450 mm	120 mm	3/36	358 mm	250 mm	8GK1031-1KK10
			3/72	608 mm	500 mm	8GK1031-1KK20
708 mm	600 mm	120 mm	4/48	358 mm	250 mm	8GK1031-2KK10
			4/96	608 mm	500 mm	8GK1031-2KK20
			4/144	858 mm	750 mm	8GK1031-2KK30
858 mm	750 mm	120 mm	5/60	358 mm	250 mm	8GK1031-3KK10
			5/120	608 mm	500 mm	8GK1031-3KK20
			5/180	858 mm	750 mm	8GK1031-3KK30
			5/240	1108 mm	1000 mm	8GK1031-3KK40
1008 mm	900 mm	120 mm	6/72	358 mm	250 mm	8GK1031-4KK10
			6/144	608 mm	500 mm	8GK1031-4KK20
			6/216	858 mm	750 mm	8GK1031-4KK30
			6/288	1108 mm	1000 mm	8GK1031-4KK40
1158 mm	1050 mm	120 mm	7/84	358 mm	250 mm	8GK1031-5KK10
			7/168	608 mm	500 mm	8GK1031-5KK20
			7/252	858 mm	750 mm	8GK1031-5KK30

Distribution boards with built-in distribution board panels			
Tier spacing 125 mm with N/PE plug-in terminal	Tier spacing 150 mm without N/PE plug-in terminal	Tier spacing 150 mm terminal blocks at top	Tier spacing 125 mm multimedia field
IP44	IP44	IP44	IP44
			
Protection class II	Protection class II	Protection class II	Protection class II
8GK1052-1KK11	8GK1062-1KK11	–	–
8GK1052-1KK21	8GK1062-1KK21	–	–
8GK1052-1KK31	8GK1062-1KK31	–	–
8GK1052-2KK11	8GK1062-2KK11	–	–
8GK1052-2KK21	8GK1062-2KK21	–	8GK1072-2KK21
8GK1052-2KK31	8GK1062-2KK31	–	–
8GK1052-2KK41	8GK1062-2KK41	–	–
8GK1052-3KK11	8GK1062-3KK11	8GK1082-3KK11	–
8GK1052-3KK21	8GK1062-3KK21	8GK1082-3KK21	–
8GK1052-3KK31	8GK1062-3KK31	8GK1082-3KK31	8GK1072-3KK31
8GK1052-3KK41	8GK1062-3KK41	8GK1082-3KK41	–
8GK1052-4KK11	8GK1062-4KK11	8GK1082-4KK11	–
8GK1052-4KK21	8GK1062-4KK21	8GK1082-4KK21	–
8GK1052-4KK31	8GK1062-4KK31	8GK1082-4KK31	–
8GK1052-4KK41	8GK1062-4KK41	8GK1082-4KK41	–
8GK1052-5KK11	8GK1062-5KK11	8GK1082-5KK11	–
8GK1052-5KK21	8GK1062-5KK21	8GK1082-5KK21	–
8GK1052-5KK31	8GK1062-5KK31	8GK1082-5KK31	–
8GK1052-5KK41	8GK1062-5KK41	8GK1082-5KK41	–

Distribution boards with built-in distribution board panels			
Tier spacing 125 mm with N/PE plug-in terminal	Tier spacing 150 mm without N/PE plug-in terminal	Tier spacing 150 mm terminal blocks at top	Tier spacing 125 mm multimedia field
IP31	IP31	IP31	IP31
			
Protection class II	Protection class II	Protection class II	Protection class II
8GK1051-1KK10	8GK1061-1KK10	–	–
8GK1051-1KK20	8GK1061-1KK20	–	–
8GK1051-2KK10	8GK1061-2KK10	–	–
8GK1051-2KK20	8GK1061-2KK20	–	–
8GK1051-2KK30	8GK1061-2KK30	–	–
8GK1051-3KK10	8GK1061-3KK10	8GK1081-3KK10	–
8GK1051-3KK20	8GK1061-3KK20	8GK1081-3KK20	8GK1072-3KK20
8GK1051-3KK30	8GK1061-3KK30	8GK1081-3KK30	8GK1072-3KK30
8GK1051-3KK40	8GK1061-3KK40	8GK1081-3KK40	–
8GK1051-4KK10	8GK1061-4KK10	8GK1081-4KK10	–
8GK1051-4KK20	8GK1061-4KK20	8GK1081-4KK20	–
8GK1051-4KK30	8GK1061-4KK30	8GK1081-4KK30	8GK1072-4KK30
8GK1051-4KK40	8GK1061-4KK40	8GK1081-4KK40	–
8GK1051-5KK10	8GK1061-5KK10	8GK1081-5KK10	–
8GK1051-5KK20	8GK1061-5KK20	8GK1081-5KK20	–
8GK1051-5KK30	8GK1061-5KK30	8GK1081-5KK30	–

Assembly kits

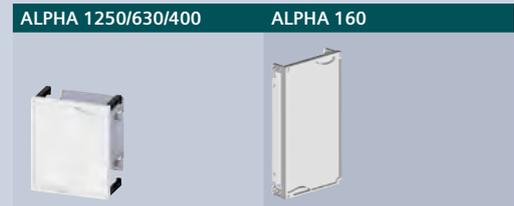
For modular installation devices

				ALPHA 1250/630/400		ALPHA 160	
				Tier spacing		Tier spacing	
				125 mm	150 mm	125 mm	150 mm
							
No. of tiers	MW	Height Outside	Width Outside				
1	12	150 mm	250 mm	–	8GK4351-1KK12	–	8GK4351-1KK11
	24	150 mm	500 mm	–	8GK4351-1KK22	–	8GK4351-1KK21
	36	150 mm	750 mm	–	8GK4351-1KK32	–	–
2	24	300 mm	250 mm	8GK4301-2KK12	8GK4351-2KK12	8GK4301-2KK11	8GK4351-2KK11
	48	300 mm	500 mm	8GK4301-2KK22	8GK4351-2KK22	8GK4301-2KK21	8GK4351-2KK21
	72	300 mm	750 mm	–	8GK4351-2KK32	–	–
3	36	450 mm	250 mm	8GK4301-3KK12	8GK4351-3KK12	8GK4301-3KK11	8GK4351-3KK11
	72	450 mm	500 mm	8GK4301-3KK22	8GK4351-3KK22	8GK4301-3KK21	8GK4351-3KK21
	108	450 mm	750 mm	–	8GK4351-3KK32	–	–
4	48	600 mm	250 mm	8GK4301-4KK12	8GK4351-4KK12	8GK4301-4KK11	8GK4351-4KK11
	96	600 mm	500 mm	8GK4301-4KK22	8GK4351-4KK22	8GK4301-4KK21	8GK4351-4KK21
	144	600 mm	750 mm	–	8GK4351-4KK32	–	–

For terminal blocks

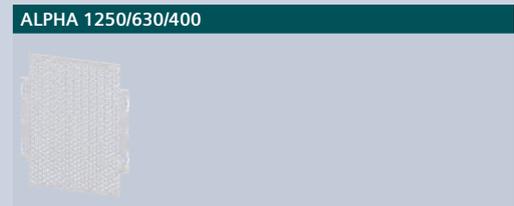
		ALPHA 1250/630/400		ALPHA 160
				
Height Outside	Width Outside	Horizontal	Vertical	Horizontal
150 mm	250 mm	8GK4401-1KK12	–	8GK4401-1KK11
	500 mm	–	–	8GK4401-1KK21
300 mm	250 mm	8GK4401-2KK12	8GK4402-2KK12	8GK4401-2KK11
	500 mm	8GK4401-2KK22	8GK4402-2KK22	8GK4401-2KK21
	750 mm	8GK4401-2KK32	8GK4402-2KK32	–
450 mm	250 mm	8GK4401-3KK12	8GK4402-3KK12	–
	500 mm	8GK4401-3KK22	8GK4402-3KK22	–
	750 mm	8GK4401-3KK32	8GK4402-3KK32	–
600 mm	250 mm	–	8GK4402-4KK12	–
	500 mm	–	8GK4402-4KK22	–
	750 mm	–	8GK4402-4KK32	–

With mounting plates



Mounting plates			Assembly kits			
Height	Width	Front cover	Height outside	Width outside		
245 mm	207.5 mm	Closed	300 mm	250 mm	8GK4451-2KK12	8GK4451-2KK11
	457.5 mm	Closed	300 mm	500 mm	8GK4451-2KK22	–
	707.5 mm	Closed	300 mm	750 mm	8GK4451-2KK32	–
395 mm	207.5 mm	Closed	450 mm	250 mm	8GK4451-3KK12	8GK4451-3KK11
	457.5 mm	Closed	450 mm	500 mm	8GK4451-3KK22	–
	707.5 mm	Closed	450 mm	750 mm	8GK4451-3KK32	–
545 mm	207.5 mm	Closed	600 mm	250 mm	8GK4451-4KK12	8GK4451-4KK11
	457.5 mm	Closed	600 mm	500 mm	8GK4451-4KK22	–
	707.5 mm	Closed	600 mm	750 mm	8GK4451-4KK32	–

With mounting plates, perforated



Mounting plates			Assembly kits			
Height	Width	Front cover	Height outside	Width outside		
149 mm	245 mm	–	150 mm	250 mm	8GK4452-1KK12	–
299 mm	245 mm	–	300 mm	250 mm	8GK4452-2KK12	–
449 mm	243 mm	–	450 mm	250 mm	8GK4452-3KK12	–
899 mm	243 mm	–	900 mm	250 mm	8GK4452-6KK12	–

For unequipped panels



Height Outside	Width Outside	ALPHA 1250/630/400			ALPHA 160
		Standard	With inspection window	With deep-drawn cover 40 mm	Standard
75 mm	250 mm	8GK4501-0KK12	–	–	–
	500 mm	8GK4501-0KK22	–	–	–
150 mm	250 mm	8GK4501-1KK12	–	–	8GK4501-1KK11
	500 mm	8GK4501-1KK22	–	–	8GK4501-1KK21
	750 mm	8GK4501-1KK32	–	–	–
300 mm	250 mm	8GK4501-2KK12	8GK4500-2KK12	8GK4501-2KK13	8GK4501-2KK11
	500 mm	8GK4501-2KK22	8GK4500-2KK22	8GK4501-2KK23	8GK4501-2KK21
	750 mm	8GK4501-2KK32	–	8GK4501-2KK33	–
450 mm	250 mm	8GK4501-3KK12	8GK4500-3KK12	8GK4501-3KK13	8GK4501-3KK11
	500 mm	8GK4501-3KK22	8GK4500-3KK22	8GK4501-3KK23	8GK4501-3KK21
	750 mm	8GK4501-3KK32	–	8GK4501-3KK33	–
600 mm	250 mm	8GK4501-4KK12	8GK4500-4KK12	–	8GK4501-4KK11
	500 mm	8GK4501-4KK22	8GK4500-4KK22	–	8GK4501-4KK21
	750 mm	8GK4501-4KK32	–	–	–
750 mm	250 mm	8GK4501-5KK12	–	–	–
	500 mm	8GK4501-5KK22	–	–	–
	750 mm	8GK4501-5KK32	–	–	–

Assembly kits

For 3NP1 fuse switch disconnectors

ALPHA 1250/630/400



LV HRC fuse Size	Switches/breakers Quantity	Distribution board		Mounting	
		Height Outside	Width Outside	on support plate	on busbars ¹⁾
00/000	2	300 mm	250 mm	8GK4550-2KK12	8GK4650-2KK12
		450 mm	250 mm	–	8GK4650-3KK12
	4	300 mm	500 mm	8GK4550-2KK22	8GK4650-2KK22
		450 mm	500 mm	–	8GK4650-3KK22
1	1	450 mm	250 mm	8GK4550-3KK12	8GK4651-3KK12
	2	450 mm	500 mm	8GK4550-3KK22	8GK4651-3KK22
2	1	450 mm	250 mm	8GK4551-3KK12	8GK4652-3KK12
3	1	450 mm	500 mm	8GK4551-3KK22	–

¹⁾ For busbar support 8GK9711-0KK03

Accessories

Cover 3NP1123 ... size 000



- Required for size 000 fuse switch disconnectors

Article No.

8GK9912-0KK00

Busbar supports



Busbar center-to-center spacing	Number of poles	Article No.
60 mm	1-pole	8GK9710-0KK00
	2-pole	8GK9710-0KK01
	3-pole	8GK9711-0KK03
	4-pole	8GK9670-0KK00
40 mm	5-pole	8GK9650-0KK00



For 3NJ4 fuse switch disconnectors in in-line design



Switches/breakers Size	Number of 3NJ4 disconnectors		Distribution board		Distribution board depth min. 320 mm	
	With screw fixing	With fixing claws	Height Outside	Width Outside		
Assembly kits for 3NJ4 fuse switch disconnectors						
NH00	4	3	600 mm	250 mm	8GK4751-4KK13	–
	9	8	600 mm	500 mm	8GK4751-4KK23	–
	14	13	600 mm	750 mm	8GK4751-4KK33	–
NH1 – NH3	2	–	750 mm	250 mm	–	8GK4752-5KK15
	4	3	750 mm	500 mm	–	8GK4752-5KK25
	7	6	750 mm	750 mm	–	8GK4752-5KK35

Accessories

Blanking covers

Switching device size	Busbar center-to-center spacing	Height	Width	Article No.
NH00	100 mm	299 mm	50 mm	3NJ4912-2CA00
NH1 – NH3	185 mm	699 mm	50 mm	3NJ4912-2AA00
			100 mm	3NJ4912-2BA00

Ready-to-install copper bars

Switching device size	Distribution board width outside	Article No.
NH00	250 mm	8GK9735-1KK10
	500 mm	8GK9735-1KK20
	750 mm	8GK9735-1KK30
NH1 – NH3	250 mm	8GK9735-2KK10
	500 mm	8GK9735-2KK20
	750 mm	8GK9735-2KK30

Support plate for busbar supports

Switching device size	Installation	Article No.
NH00	Left or right	8GK9800-0KK06
NH1 – NH3	Left or right	8GK9800-0KK07

Assembly kits

For SR60 busbar-adaptable units

		ALPHA 1250/630/400
		Busbar center-to-center spacing 60 mm
		
Height Outside	Width Outside	
300 mm	250 mm	8GK4801-2KK13
	500 mm	8GK4801-2KK23
	750 mm	8GK4801-2KK33
450 mm	250 mm	8GK4801-3KK13
	500 mm	8GK4801-3KK23
	750 mm	8GK4801-3KK33

Accessories

Supports for blanking covers



Article No.

8US1922-2EA00

Blanking covers



Article No.

8US1922-2EB00

Blanking covers



Width
56 mm

Article No.

8GK9910-0KK08

For bus-mounting fuse bases, for mounting on busbar systems

Number of poles		Height Outside		Width Outside		ALPHA 1250/630/400	
						SR60, 60 mm	8US, 60 mm
3P	4P	300 mm	450 mm	250 mm	8GK4801-2KK12	–	
				250 mm	8GK4801-3KK12	–	
■	■	300 mm	500 mm	250 mm	–	8GK4800-2KK12	
				500 mm	–	8GK4800-2KK22	
				750 mm	–	8GK4800-2KK32	

Accessories

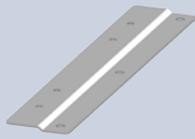
Blanking covers



Width
56 mm

Article No.
8GK9910-0KK08

Holding plates



- For 4-pole busbar supports for mounting in section with height of 300 mm

Article No.
8GK9711-0KK07

Assembly kits

For 3KF switch disconnectors with fuses

								ALPHA 1250/630/400	
								Operating mechanism	
								Front operating mechanism, center	Door-coupling rotary operating mechanism (mounted in the front cover)
									
Switches/breakers				Distribution board					
Size	Rated current	3P	4P	Height Outside	Width Outside	Depth Outside			
3KF1	80 A	■	■	300 mm	250 mm	≥ 210 mm	8GK4722-2KK10	–	
3KF2	160 A	■	■	300 mm	500 mm	≥ 210 mm	8GK4723-2KK10	–	
3KF3 ... 3KF4	400 A	■	■	300 mm	500 mm	≥ 320 mm	–	8GK4722-2KK20	

For 3KD switch disconnectors

								ALPHA 1250/630/400	
								Operating mechanism	
								Direct operating mechanism	Door-coupling rotary operating mechanism (mounted in the front cover)
									
Switches/breakers				Distribution board					
Size	Rated current	Quantity	3P	4P	Height Outside	Width Outside	Depth Outside		
1	16 ... 63 A	2	■	–	300 mm	250 mm	210 mm	8GK4720-2KK10	–
2	80 ... 200 A	1	■	■	300 mm	250 mm	210 mm	8GK4720-2KK10	–
3	200 ... 400 A	1	■	■	300 mm	250 mm	210 mm	8GK4721-2KK10	–
3 ... 4	200 ... 800 A	1	■	■	450 mm	500 mm	≥ 250 mm	–	8GK4720-3KK20

For 3KA switch disconnectors on support plate



Switches/breakers					Distribution board			
Size	Rated current	Quantity	3P	4P	Height Outside	Width Outside		
3KA 50/51/52/53	63 A/80 A/ 125 A/160 A	1	■	–	300 mm	250 mm	8GK4707-3KK17	–
3KA 55/57/58	250 A/400 A/ 630 A	1	■	■	300 mm	500 mm	–	8GK4707-4KK27

Assembly kits

For 3VL molded case circuit breakers

ALPHA 1250/630/400



Switches/breakers		Rated current	Quantity			Distribution board		Standard
Size	Type			3P	4P	Height Outside	Width Outside	
3VL1	3VL160X	16 ... 160 A	1	■	■	300 mm	250 mm	8GK4701-2KK12
				■	■	450 mm	250 mm	8GK4701-3KK12
3VL2	3VL160	50 ... 160 A	1	■	■	300 mm	250 mm	8GK4701-2KK12
				■	■	450 mm	250 mm	8GK4701-3KK12
3VL3	3VL250	200 ... 250 A	1	■	■	450 mm	250 mm	8GK4701-3KK12
3VL4	3VL400	200 ... 400 A	1	■	■	600 mm	250 mm	8GK4702-4KK12
				■	■	750 mm	250 mm	–
3VL5	3VL630	315 ... 630 A	1	■	–	600 mm	250 mm	8GK4703-4KK13
				■	■	600 mm	500 mm	8GK4704-4KK13
				■	–	600 mm	500 mm	–
				–	■	600 mm	500 mm	–
3VL6	3VL800	800 A	1	■	–	600 mm	250 mm	8GK4704-4KK15
				■	■	600 mm	500 mm	8GK4704-4KK25
3VL7	3VL1250	1000 ... 1250 A	1	■	■	600 mm	500 mm	8GK4705-4KK25
3VL8	3VL1600	1600 A	1	■	■	600 mm	500 mm	8GK4705-4KK25



With RCD module mounted



For installation with front-operated rotary operating mechanism

–	–
8GK4720-3KK10	8GK4722-3KK10
–	–
8GK4721-3KK10	8GK4722-3KK10
8GK4721-3KK10	8GK4722-3KK10
–	8GK4722-4KK10
8GK4720-5KK10	–
–	–
–	–
–	8GK4723-4KK10
–	8GK4721-4KK20
–	–
–	–
–	–
–	–

Assembly kits

For 3VA molded case circuit breakers, 3-pole and 4-pole

ALPHA 1250/630/400



Switches/breakers						Distribution board		
Size	Rated current	Quantity	Direct operating mechanism	Rotary operating mechanism	Motorized operating mechanism	Height Outside	Width Outside	
3VA10..., 3VA11..	100 ... 160 A	1	■	–	■	300 mm ¹⁾	250 mm	8GK4731-2KK12 ⁴⁾
			–	■	–	450 mm	250 mm	8GK4730-2KK12 ⁴⁾
			–	–	■	300 mm ¹⁾	250 mm	8GK4733-2KK12
			–	–	■	300 mm ¹⁾	250 mm	–
		3	■	–	–	300 mm ¹⁾	500 mm	8GK4731-2KK22
			–	■	–	450 mm	500 mm	8GK4730-2KK22
			–	–	■	300 mm ¹⁾	500 mm	8GK4733-2KK22
			–	–	■	300 mm ¹⁾	500 mm	–
3VA12	250 A	1	■	–	–	300 mm	250 mm	8GK4732-2KK12
			–	■	–	450 mm	250 mm	8GK4733-3KK10
			–	–	■	300 mm	250 mm	8GK4735-2KK12
			–	–	■	300 mm	250 mm	–
		3	■	–	–	450 mm	250 mm	–
			–	■	–	600 mm	250 mm	–
			–	–	■	300 mm	500 mm	8GK4732-2KK22
			–	–	■	450 mm	500 mm	8GK4731-3KK20
		3	■	–	–	300 mm	500 mm	8GK4735-2KK22
			–	■	–	300 mm	500 mm	8GK4735-2KK22
			–	–	■	300 mm	500 mm	–
			–	–	■	300 mm	500 mm	–
3VA20..., 3VA22..	100 ... 250 A	1	■	–	–	300 mm	250 mm	8GK4730-3KK10
			–	■	–	300 mm	250 mm	8GK4736-2KK12
			–	–	■	600 mm	250 mm	–
		3	■	–	–	300 mm	500 mm	8GK4730-3KK20
			–	■	–	300 mm	500 mm	8GK4736-2KK22
			–	–	■	600 mm	500 mm	–
3VA23..., 3VA24..	400 ... 630 A	1	■	–	–	450 mm	250 mm	8GK4730-4KK12
			–	■	–	500 mm	8GK4730-4KK22	
			–	–	■	450 mm	500 mm	8GK4733-4KK22
		3	■	–	–	450 mm	500 mm	8GK4733-4KK22
			–	■	–	450 mm	250 mm	–
			–	–	■	450 mm	250 mm	–
					500 mm	–		
					600 mm	250 mm	–	
					500 mm	500 mm	–	

¹⁾ For insulated connection only

²⁾ Distribution board depth at least 250 mm

³⁾ Distribution board depth at least 320 mm

⁴⁾ With side mounted motorized operating mechanism



	With RCD module		With RCD module	
	Infeed side	At side	Infeed side	At side
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
8GK4734-2KK12 ²⁾	-	-	-	-
-	8GK4731-3KK12 ⁴⁾	8GK4731-3KK10	8GK4734-3KK12 ²⁾	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
8GK4734-2KK22 ²⁾	-	-	-	-
-	8GK4731-3KK22	-	8GK4734-3KK22 ²⁾	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
8GK4735-3KK10 ²⁾	-	-	-	-
-	-	-	-	8GK4733-4KK10 ²⁾
-	8GK4732-4KK10	-	8GK4736-4KK12	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
8GK4732-3KK20 ²⁾	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	8GK4735-4KK12	-	-	-
-	-	-	-	-
-	-	-	-	-
-	8GK4735-4KK22	-	8GK4736-4KK22 ³⁾	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
8GK4734-4KK12 ³⁾	-	-	-	-
8GK4734-4KK22 ³⁾	-	-	-	-
-	8GK4731-4KK12	-	-	-
-	8GK4731-4KK22	-	-	-

Assembly kits

For meter mounting without top and bottom terminal compartment

ALPHA 630



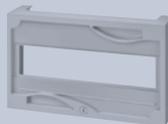
Height Outside	Width Outside
450 mm	250 mm

8GE3713-4

For meter mounting with top and bottom terminal compartment

ALPHA ZS

Covers



Height	Width	Top/bottom terminal compartment
150 mm	250 mm	8GS4006-0
300 mm	250 mm	8GS4006-5

ALPHA ZS

Meter support plate



Height	Width	Position	1 × Counter	2 × Counter	TSG
450 mm	250 mm	–	8GS4007-4	–	–
375 mm	250 mm	Top	–	8GS4007-5	–
		Bottom	–	8GS4007-6	–
300 mm	250 mm	–	–	–	8GS4007-7

Accessories

Supports for front cover



Article No.
8GS4018-8

DIN rails



Article No.
8GS4010-6

Partition for meter field, lateral (only protection class 1)

Article No.
8GK9302-3KK01

Retrofit kit for busbar supports for one panel width



For copper busbars with cross-sections $12 \times 5 \text{ mm}^2$ und $12 \times 10 \text{ mm}^2$

Article No.
8GS4018-3

Front covers for measuring devices

ALPHA 1250/630/400



Use	Height Outside	Width Outside	Cutout dimensions	
1 x measuring device 96 x 96 mm	300 mm	500 mm	92 x 92 mm	8GK4500-2KK20

For cable connections to the door

ALPHA 1250/630/400



Height	Width	Diameter	
150 mm	250 mm	M20	8GK4500-1KK12
	500 mm	M20	8GK4500-1KK22

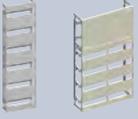
Quick-assembly kits

For modular installation devices and terminal blocks



Height Outside	Width Outside	No. of tiers	Terminals	MW	With N/PE bar	With 2 N/PE bars
For modular installation devices						
450 mm	250 mm	3	–	36	8GK4001-3KK11	–
600 mm	250 mm	4	–	48	8GK4001-4KK11	–
	500 mm	8	–	96	8GK4001-4KK22	–
750 mm	250 mm	5	–	60	8GK4001-5KK11	–
	500 mm	10	–	120	8GK4001-5KK22	–
900 mm	250 mm	6	–	72	8GK4001-6KK11	8GK4003-6KK11
	500 mm	12	–	144	8GK4001-6KK22	–
1050 mm	250 mm	7	–	84	8GK4001-7KK11	8GK4003-7KK11
	500 mm	14	–	168	8GK4001-7KK22	–
1200 mm	250 mm	8	–	96	8GK4001-8KK12	8GK4003-8KK12
	500 mm	16	–	192	8GK4001-8KK22	–
1350 mm	250 mm	9	–	108	8GK4002-8KK12	8GK4003-8KK13
	500 mm	18	–	216	8GK4002-8KK22	–
For modular installation devices and terminal blocks						
900 mm	250 mm	2	4	48	–	–
	500 mm	4	8	96	–	–
	750 mm	6	12	144	–	–
1050 mm	250 mm	2	5	60	–	–
	500 mm	4	10	120	–	–
	750 mm	6	15	180	–	–
1200 mm	250 mm	2	6	72	–	–
	500 mm	4	12	144	–	–
	750 mm	6	18	216	–	–
1350 mm	250 mm	3	6	72	–	–
	500 mm	6	12	144	–	–
	750 mm	9	18	216	–	–

150 mm



Without N/PE bar

8GK4051-3KK11

8GK4051-4KK11

-

8GK4051-5KK11

-

8GK4051-6KK11

8GK4101-6KK22

8GK4051-7KK11

8GK4101-7KK22

8GK4101-8KK12

8GK4101-8KK22

8GK4102-8KK12

8GK4102-8KK22

8GK4100-6KK12

8GK4100-6KK22

8GK4100-6KK32

8GK4100-7KK12

8GK4100-7KK22

8GK4100-7KK32

8GK4100-8KK12

8GK4100-8KK22

8GK4100-8KK32

8GK4110-8KK12

8GK4110-8KK22

8GK4110-8KK32

Busbars

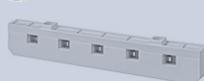
For ALPHA 1250/630/400 distribution boards

Cu busbars



Cross-section	Current	Length	Article No.
12 × 5 mm	250 A	250 mm	8GK9731-0KK10
		500 mm	8GK9731-0KK20
		750 mm	8GK9731-0KK30
		1000 mm	8GK9731-0KK40
		1250 mm	8GK9731-0KK50
20 × 5 mm	320 A	250 mm	8GK9733-0KK10
		500 mm	8GK9733-0KK20
		750 mm	8GK9733-0KK30
		1000 mm	8GK9733-0KK40
		1250 mm	8GK9733-0KK50
30 × 5 mm	450 A	250 mm	8GK9735-0KK10
		500 mm	8GK9735-0KK20
		750 mm	8GK9735-0KK30
		1000 mm	8GK9735-0KK40
		1250 mm	8GK9735-0KK50
30 × 10 mm	630 A	250 mm	8GK9736-0KK10
		500 mm	8GK9736-0KK20
		750 mm	8GK9736-0KK30
		1000 mm	8GK9736-0KK40
		1250 mm	8GK9736-0KK50

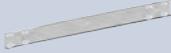
Busbar supports



Version	Use	Busbar center-to-center spacing	Article No.
1-pole	For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm	–	8GK9710-0KK00
2-pole	For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm	60 mm	8GK9710-0KK01
3-pole	For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm, Bus-mounting fuse bases and 3NP4076 switch disconnectors in conjunction with assembly kits	60 mm	8GK9711-0KK03
4-pole	For Cu busbars 12 × 5 (10) mm, 30 × 5 (10) mm	60 mm	8GK9670-0KK00
5-pole	For Cu busbars 12 × 5 (10) mm 3NP fuse switch disconnectors	40 mm	8GK9650-0KK00

Accessories

For ALPHA 1250/630/400/160 distribution boards

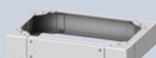
				1250	630	400	160	
Wall-mounting rails								
	• For all wall-mounted distribution boards							
	Length				Article No.			
	250 mm					■	■	
	500 mm					■	■	
	750 mm					■	■	
	1000 mm					■	■	
	1250 mm					■	■	
Cabinet mounting lugs, flat								
	Use				Article No.			
	For mounting and fixing a distribution board directly against the wall without a clearance (1 set = 4 units)				8GK9910-0KK36	■	■	■
	For connecting 2 distribution boards and for mounting and fixing a distribution board directly against the wall without a clearance (8GK9910-0KK36 additionally required for the ends) 1 set = 2 units				8GK9910-0KK37	■	■	■
Wall mounting lug, standard								
	• 1 set = 4 units							
				Article No.				
				8GK9920-0KK33	■	■	■	■
Hollow wall set								
	Use				Article No.			
	For mounting flush-mounting distribution boards in hollow walls				8GK9910-0KK28		■	■
M12 transport eyebolts								
				Article No.				
				8GK9918-0KK00	■	■	■	■
Ventilation grilles for side panel								
				Article No.				
				8GK9120-0KK30	■	■	■	
Bases for flat pack floor-mounted distribution boards								
	Height outside	Depth	Width	Article No.				
	100 mm	210 mm	300 mm	8GK9901-0KK12		■		
			550 mm	8GK9901-0KK22		■		
			800 mm	8GK9901-0KK32		■		
			1050 mm	8GK9901-0KK42		■		
			1300 mm	8GK9901-0KK52		■		

Accessories

For ALPHA 1250/630/400/160 distribution boards

1250 630 400 160

Bases for pre-assembled (welded) floor-mounted distribution boards

	Height outside	Depth	Width	Article No.				
	100 mm	210 mm	300 mm	8GK9901-0KA12		■		
			550 mm	8GK9901-0KA22		■		
			800 mm	8GK9901-0KA32		■		
			1050 mm	8GK9901-0KA42		■		
			1300 mm	8GK9901-0KA52		■		
	250 mm	210 mm	300 mm	8GK9900-0KK13		■		
			550 mm	8GK9900-0KK23		■		
			800 mm	8GK9900-0KK33		■		
			1050 mm	8GK9900-0KK43		■		
			1300 mm	8GK9900-0KK53		■		
	320 mm	210 mm	300 mm	8GK9900-0KK14		■		
			550 mm	8GK9900-0KK24		■		
			800 mm	8GK9900-0KK34		■		
			1050 mm	8GK9900-0KK44		■		
			1300 mm	8GK9900-0KK54		■		
	400 mm	210 mm	300 mm	8GK9902-0KK13	■			
			550 mm	8GK9902-0KK23	■			
			800 mm	8GK9902-0KK33	■			
			1050 mm	8GK9902-0KK43	■			
			1300 mm	8GK9902-0KK53	■			

Partitions, vertical

- For the visual and spatial separation of different potentials

	Cubicle depth	Height	Article No.				
	140 mm	450 mm	8GK9001-3KK01				■
		600 mm	8GK9001-4KK01				■
		750 mm	8GK9001-5KK01				■
		900 mm	8GK9001-6KK01				■
		1050 mm	8GK9001-7KK01				■
	210 mm	300 mm	8GK9301-2KK01		■	■	
		450 mm	8GK9301-3KK01		■	■	
		600 mm	8GK9101-4KK01		■	■	
		750 mm	8GK9101-5KK01		■	■	
		900 mm	8GK9101-6KK01		■	■	
		1050 mm	8GK9101-7KK01		■	■	
		1200 mm	8GK9101-8KK01		■	■	
		1350 mm	8GK9102-8KK01		■	■	
		1800 mm	8GK9520-8KK01		■		
250/320 mm	1800 mm	8GK9520-8KK00		■			
400 mm	1800 mm	8GK9521-8KK00	■				

1250 630 400 160

Partitions, horizontal

- For the visual and spatial separation of different potentials

Cubicle depth	Width	Article No.	1250	630	400	160
140 mm	250 mm	8GK9002-0KK10				■
210 mm	250 mm	8GK9103-0KK10		■	■	
	500 mm	8GK9103-0KK20		■	■	
	750 mm	8GK9103-0KK30		■	■	
250/320 mm	250 mm	8GK9520-0KK10		■		
	500 mm	8GK9520-0KK20		■		
400 mm	250 mm	8GK9520-0KK30	■			

Mounting plates

Cubicle Height	Width	Mounting plates		Article No.	1250	630	400	160
		Height	Width					
600 mm	250 mm	596 mm	243 mm	8GK9531-4KK10			■	
	500 mm	596 mm	493 mm	8GK9531-4KK20			■	
750 mm	250 mm	685 mm	243 mm	8GK9531-5KK10			■	
	500 mm	685 mm	493 mm	8GK9531-5KK20			■	
900 mm	250 mm	835 mm	243 mm	8GK9531-6KK10			■	
	500 mm	835 mm	493 mm	8GK9531-6KK20			■	
1050 mm	250 mm	985 mm	243 mm	8GK9531-7KK10			■	
	500 mm	985 mm	493 mm	8GK9531-7KK20			■	
1200 mm	250 mm	1135 mm	243 mm	8GK9531-8KK10			■	
	500 mm	1135 mm	493 mm	8GK9531-8KK20			■	
1350 mm	250 mm	1285 mm	243 mm	8GK9532-8KK10			■	
	500 mm	1285 mm	493 mm	8GK9532-8KK20			■	
1800 mm	250 mm	1680 mm	242 mm	8GK9533-0KK10	■	■		
	500 mm	1680 mm	492 mm	8GK9533-0KK20	■	■		
	750 mm	1680 mm	742 mm	8GK9533-0KK30	■	■		
	1000 mm	1680 mm	992 mm	8GK9533-0KK40	■	■		
	1250 mm	1680 mm	1242 mm	8GK9533-0KK50	■	■		

Mounting plates for telecommunication units

- Made of perforated steel plate
- With insert nuts and quick-locking technology

Cubicle Height	Width	Mounting plates		Article No.	1250	630	400	160
		Height	Width					
900 mm	250 mm	835 mm	243 mm	8GS4016-1			■	
1050 mm	250 mm	985 mm	243 mm	8GS4016-2			■	
1200 mm	250 mm	1135 mm	243 mm	8GS4016-3			■	
1350 mm	250 mm	1285 mm	243 mm	8GS4016-4			■	

Longitudinal stays

- In order to mount the assembly kits in unequipped distribution boards, 2 longitudinal stays are required for each assembly kit width
- 1 set = 2 stays

Cubicle depth	Length	Article No.	1250	630	400	160
210 mm	300 mm	8GK4855-2KK02		■		
	450 mm	8GK4851-3KK00				■
	600 mm	8GK4851-4KK00			■	■
	750 mm	8GK4851-5KK00			■	■
	900 mm	8GK4851-6KK00			■	■
	1050 mm	8GK4851-7KK00			■	■
	1200 mm	8GK4851-8KK00			■	
	1350 mm	8GK4852-8KK00			■	
1800 mm	8GK4853-8KK00		■			
250 mm, 320 mm, 400 mm	1800 mm	8GK4853-8KK02	■	■		

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Accessories

For ALPHA 1250/630/400/160 distribution boards

1250 630 400 160

Stay supports



- For depth of 210 mm when mounting stays are to be shifted forward by 55 mm
- Necessary whenever DIN rails are mounted directly on the stays

Article No.	1250	630	400	160
8GK9910-0KK38			■	

Universal brackets



Article No.	1250	630	400	160
8GK9910-0KK05	■	■		

Connection kits for longitudinal stays



Depth	Article No.	1250	630	400	160
250/320 mm	8GK9910-0KK32	■	■	■	

Crossbars



Width	Article No.	1250	630	400	160
500 mm	8GK4853-0KK20	■	■	■	
750 mm	8GK4853-0KK30	■	■	■	

Front cover, closed



- Minimum order quantity = 10 units

Height	Width	Article No.	1250	630	400	160
75 mm	250 mm	8GK9601-0KK10	■	■	■	■
150 mm	250 mm	8GK9601-1KK10	■	■	■	■
	500 mm	8GK9601-1KK20	■	■	■	■
300 mm	750 mm	8GK9601-1KK30	■	■	■	■
	250 mm	8GK9601-2KK10	■	■	■	■
	500 mm	8GK9601-2KK20	■	■	■	■
450 mm	750 mm	8GK9601-2KK30	■	■	■	■
	250 mm	8GK9601-3KK10	■	■	■	■
	500 mm	8GK9601-3KK20	■	■	■	■
600 mm	750 mm	8GK9601-3KK30	■	■	■	■
	250 mm	8GK9601-4KK10	■	■	■	■
	500 mm	8GK9601-4KK20	■	■	■	■
	750 mm	8GK9601-4KK30	■	■	■	■

Front cover with cutout



- Minimum order quantity = 10 units

Tier spacing	Height	Width	Tiers	MW	Article No.	1250	630	400	160
150 mm	150 mm	250 mm	1	12	8GK9601-1KK11	■	■	■	■
		500 mm	1	24	8GK9601-1KK21	■	■	■	■
		750 mm	1	36	8GK9601-1KK31	■	■	■	■
300 mm	150 mm	250 mm	2	24	8GK9601-2KK11	■	■	■	■
		500 mm	2	48	8GK9601-2KK21	■	■	■	■
		750 mm	2	72	8GK9601-2KK31	■	■	■	■
450 mm	150 mm	250 mm	3	36	8GK9601-3KK11	■	■	■	■
		500 mm	3	72	8GK9601-3KK21	■	■	■	■
		750 mm	3	108	8GK9601-3KK31	■	■	■	■
600 mm	150 mm	250 mm	4	48	8GK9601-4KK11	■	■	■	■
		500 mm	4	96	8GK9601-4KK21	■	■	■	■
		750 mm	4	144	8GK9601-4KK31	■	■	■	■

1250 630 400 160

Supports for front cover



- Plastic

Version	Length	Mounting	Article No.	1250	630	400	160
Spare part	117 mm	Standard	8GK9910-0KK30	■	■	■	
	54 mm	Standard	8GK9910-0KK20				■
Large pack	117 mm	For 15 mm DIN rail directly onto the DIN-rail holder	8GK9910-0KK31	■	■	■	
	61.5 mm	For 15 mm DIN rail directly onto the stays	8GK9910-0KK24	■	■	■	

Assembly tool for supports



- For short and long version
- With ergonomic handle

Version	Article No.	1250	630	400	160
	8GK9910-0KK27	■	■	■	■

Support extensions



Length	Article No.	1250	630	400	160
7.5 mm	8GK9911-0KK03	■	■	■	■

Quick-lock screws for front cover



Material	Color	Article No.	1250	630	400	160
Plastic	RAL 7035 (light gray)	8GK9910-0KK26	■	■	■	■

Spare part door hinges



- For wall/floor-mounted distribution boards
- 1 set = 2 units

Version	Article No.	1250	630	400	160
Door hinges prior to 2019 (1 piece)	8GK9920-0KK24	■	■	■	■
Door hinges from 2019 onwards (2 pieces)	8GK9920-1KK24	■	■	■	■

Circuit diagram pockets



Version	Format	Depth	Article No.	1250	630	400	160
Sheet steel	DIN A3	10 mm	8GK9910-0KK22	■	■	■	■



Transparent sleeve, adhered all-over	DIN A4		8GK9910-0KK23	■	■	■	■
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Plastic	DIN A4	30 mm	8GD9132	■	■	■	■
Plastic, large pack	DIN A4	30 mm	8GK9910-1KK24	■	■	■	■

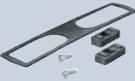
Siemens nameplate

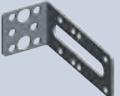
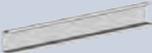


Material	Version	Color	Article No.	1250	630	400	160
Aluminum	Self-adhesive	Petrol	8GD9084	■	■	■	■
Sticker	Self-adhesive	Petrol	8GF9661	■	■	■	■

Accessories

For ALPHA 1250/630/400/160 distribution boards

			1250	630	400	160
IP44/IP55 locking systems for wall-mounted distribution boards						
	Version	Article No.				
	Standard locking device with rotary handle	8GK9560-0KK04			■	■
	Retrofit kit for standard locking device with degree of protection IP44	8GK9560-0KK05			■	■
	Rotary handle locking device for profile cylinders (E012 or Senat tumbler)	8GK9560-0KK06			■	■
	Rotary handle, lockable, incl. E012 lock and two keys	8GK9560-0KK13			■	■
	Rotary handle incl. double-bit interlocking mechanism	8GK9561-0KK04			■	■
Locking systems for floor-mounted distribution boards						
	Version	Article No.				
	Rotary handle, recessable, with pushbutton technique	8GK9561-0KK01	■	■		
	Lock insert for installation of profile semicylinder	8GK9561-0KK02	■	■		
Profile semicylinder for locks						
	Use	Version	Article No.			
	Wall-mounted distribution boards	With E012 lock and two keys	8GK9560-0KK07		■	■
		With Senat tumbler and two keys	8GK9560-0KK08		■	■
		With 3-mm pin as double-bit lock	8GK9560-0KK10		■	■
	Floor-mounted distribution boards	With E012 lock and two keys	8GK9561-0KK00	■	■	
		With Senat tumbler and two keys	8GK9560-0KK03	■	■	

			1250	630	400	160
Spare keys						
	Version	Article No.				
	For double-bit interlocking mechanism	8GD9290	■	■		
	For E012 lock	8GF9390-2	■	■	■	■
Connecting kits for distribution boards, IP44/IP55						
	<ul style="list-style-type: none"> For side-by-side mounting of enclosures Comprising: screws, washers, nuts and 5 m roll of sealing strip 					
	Article No.					
	8GK9920-0KK31			■	■	
8GK9920-0KK50			■			
Extra-deep brackets						
	<ul style="list-style-type: none"> For recessed installation of DIN rails 					
	Article No.					
8GK9910-0KK34			■	■	■	
Extra-deep brackets, depth-adjustable						
	Article No.					
	8GK9911-0KK01			■	■	■
Drop-down brackets, universal						
	Article No.					
	8GK9911-0KK02			■	■	■
DIN rails, lowered						
	Width	Article No.				
	250 mm	8GK9910-0KK35	■	■	■	
	500 mm	8GK9910-0KK40	■	■	■	
	750 mm	8GK9910-0KK41	■	■	■	
15 mm DIN rails						
	Width	Article No.				
	250 mm	8GK9910-1KK10	■	■		
	500 mm	8GK9910-1KK20	■	■		
	750 mm	8GK9910-1KK30	■	■		
	1000 mm	8GK9910-1KK40	■	■		
1250 mm		8GK9910-1KK50	■	■		
DIN-rail holders for 15 mm DIN rail						
<ul style="list-style-type: none"> Comprising a left and a right holder 						
	Version	Type	Article No.			
	Long	For 1 DIN rail	8GK9910-1KK81	■	■	■
		For 2 DIN rails	8GK9910-1KK83	■	■	■
		For 3 DIN rails	8GK9910-1KK84	■	■	■
		For 4 DIN rails	8GK9910-1KK85	■	■	■

Accessories

For ALPHA 1250/630/400/160 distribution boards

		1250	630	400	160		
Iso supports							
	<ul style="list-style-type: none"> For insulated DIN-rail assembly 						
	Type	Article No.					
	4 mm	8GK9911-0KK07	■	■	■	■	
	31.5 mm	8GK9911-0KK05	■	■	■		
	55.5 mm	8GK9911-0KK06	■	■	■		
Torx-slotted screws M5 × 10, self-tapping							
	<ul style="list-style-type: none"> Large pack: 500 units 						
		Article No.					
		8GK9911-0KK00	■	■	■	■	
Crossbars for mounting vertical busbar systems							
	Width	Article No.					
	250 mm	8GK9911-1KK00	■	■	■		
	500 mm	8GK9911-1KK01	■	■	■		
	750 mm	8GK9911-1KK02	■	■	■		
Blanking strips							
	Type	Color	Article No.				
	For 12 MW (1 MW = 18 mm)	RAL 7035 (light gray)	8GK9910-0KK00	■	■	■	■
	Length 1 m w/o pressure-relief joint, to cut to length	RAL 7035 (light gray)	8GK9910-0KK01	■	■	■	■
Blanking plugs							
	Diameter	Article No.					
	16 mm	8GK9910-0KK06	■	■	■	■	
	10 mm	8GK9910-0KK07	■	■	■	■	
N terminals							
	<ul style="list-style-type: none"> For snap-on mounting onto the DIN rail For distributing the neutral conductor when using several RCCBs 2 × screw terminal, conductor cross-section max. 16 mm² 14 × plug-in terminal, conductor cross-section max. 4 mm² 						
		Article No.					
		8GS4034-1	■	■	■	■	
PE terminals							
	<ul style="list-style-type: none"> For snap-on mounting onto the DIN rail 2 × screw terminal, conductor cross-section max. 16 mm² 14 × plug-in terminal, conductor cross-section max. 4 mm² 						
		Article No.					
		8GS4034-2	■	■	■	■	
N/PE terminals							
	<ul style="list-style-type: none"> For snap-on mounting onto the DIN rail For distributing the neutral conductor when using several RCCBs 1 × screw terminal, conductor cross-section max. 16 mm², per PE and N potential 7 × plug-in terminal, conductor cross-section max. 4 mm², per PE and N potential 						
		Article No.					
		8GS4034-3	■	■	■	■	
N/N terminals							
	<ul style="list-style-type: none"> For snap-on mounting onto the DIN rail For distributing the neutral conductor when using several RCCBs 1 × screw terminal, conductor cross-section max. 16 mm², per PE and N potential 7 × plug-in terminal, conductor cross-section max. 4 mm², per PE and N potential 						
		Article No.					
		8GS4034-4	■	■	■	■	

1250 630 400 160

Terminals for circular conductors

	Busbar thickness		Conductor cross-section		Article No.	1250	630	400	160
	5 mm		1.5 ... 16 mm ²						
	5 mm		1.5 ... 16 mm ²		8US1921-2AA00	■	■	■	
			1.5 ... 35 mm ²		8US1921-2AB00	■	■	■	
			16 ... 70 mm ²		8US1921-2AC00	■	■	■	
			16 ... 120 mm ²		8US1921-2AD00	■	■	■	

Terminals for circular conductors

	Busbar thickness		Conductor cross-section		Article No.	1250	630	400	160
	10 mm		1.5 ... 16 mm ²						
	10 mm		1.5 ... 16 mm ²		8US1921-2BA00	■	■	■	
			1.5 ... 35 mm ²		8US1921-2BB00	■	■	■	
			16 ... 70 mm ²		8US1921-2BC00	■	■	■	
			16 ... 120 mm ²		8US1921-2BD00	■	■	■	

Terminals with bases made of glass-fiber reinforced polyester resin

	Incoming cables		Outgoing cables		Article No.	1250	630	400	160
	Quantity	Cross-section	Quantity	Cross-section					
	1	6 ... 70 mm ²	1	6 ... 70 mm ²	8JK401	■	■	■	
		50 ... 240 mm ²	1	50 ... 240 mm ²	8JK4061	■	■	■	
	2	50 ... 240 mm ²	2	50 ... 185 mm ²	8JK406	■	■	■	

Accessories

For ALPHA 1250/630/400/160 distribution boards

1250 630 400 160

Incoming and outgoing terminal for busbars

Busbar Dimensions	Quantity	Conductor cross-section	Description	Article No.				
					1250	630	400	160
20 × 8 mm	1 or 2	50 ... 240 mm ²	1 conductor per clamping point	8JK3171	■	■	■	
			2 conductors per clamping point	8JK3172	■	■	■	



N/PE bars as plug-in terminals

Type	Connections	Article No.				
<ul style="list-style-type: none"> For mounting on longitudinal stays at a 30° inclination 						
PE bar	6 screw connections 2.5 ... 16 mm ² and 21 screw connections 1.5 ... 4 mm ²	8GK9910-0KK11				■
PE + N bar	PE bar: 6 screw connections 2.5 ... 16 mm ² and 21 screw connections 1.5 ... 4 mm ² N bar: 2 screw connections 2.5 ... 16 mm ² and 10 screw connections 1.5 ... 4 mm ²	8GK9910-0KK12				■



Cable clamping rail

Width	Article No.				
<ul style="list-style-type: none"> For strain relief C profile 30 × 15 mm 					
250 mm	8GK9911-0KK10	■	■	■	
500 mm	8GK9911-0KK20	■	■	■	
750 mm	8GK9911-0KK30	■	■	■	
1000 mm	8GK9911-0KK40	■	■	■	
1250 mm	8GK9911-0KK50	■	■	■	



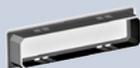
Cable holders

Use	Version	Article No.				
For DIN rail	Height 45 mm, width 40 mm	8GK9910-0KK80	■	■	■	
For mounting in 5-mm hole	Clip with cable tie	8GK9910-0KK81	■	■	■	



Cable flange for cable entry (version only for flat pack)

Type	Degree of protection	Cable routing	Article No.				
1-component flange	IP44	Bottom	8GK9100-0KK00	■	■	■	
2-component flange		Top/bottom	8GK9000-0KK02				■
2-component flange	IP55	Top/bottom	8GK9100-0KK01	■	■	■	
Bushing flange		Busbar system	8GK9100-0KK10	■	■	■	



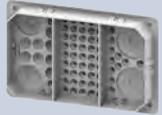
Cable flange for cable entry– only protection class I (version only for flat pack)

Version	Degree of protection	Cable diameter	Article No.				
Blank flange	IP44		8GK9100-0KK02	■	■	■	
	IP55		8GK9100-0KK03	■	■	■	
Flange, incl. 1 cable support sleeve	IP55	14 ... 65 mm	8GK9100-0KK05	■	■	■	
Flange, incl. 2 cable support sleeves	IP55	14 ... 65 mm	8GK9100-0KK06	■	■	■	



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Flange for cable entry, IP55



Type	Cable diameter	Article No.	1250	630	400	160
2-component flange	58 × 5 ... 10 mm/2 × 16 ... 35 mm 8 × 11 ... 16 mm/2 × 15 ... 45 mm	8GK9101-0KK00	■ ¹⁾	■	■	
2-component flange, pack of 10	58 × 5 ... 10 mm/2 × 16 ... 35 mm 8 × 11 ... 16 mm/2 × 15 ... 45 mm	8GK9101-0KK01	■ ¹⁾	■	■	
Sheet steel closed, 214 mm × 136 mm		8GK9101-0KK02	■	■	■	
Sheet steel incl. 1 cable support sleeve 8HC6900	14 ... 65 mm	8GK9101-0KK05	■	■	■	
Sheet steel incl. 2 cable support sleeves 8HC6900	14 ... 65 mm	8GK9101-0KK06	■	■	■	

Rubber cable entries



- For inserting in 38 mm diameter knockouts (= Pg29)
- Degree of protection IP65

Quantity	Cable diameter	Article No.	1250	630	400	160
1	12 ... 29 mm	8HP1805	■	■	■	■
2	6 ... 15 mm	8HP1806	■	■	■	■
3	4 ... 12.5 mm	8HP1807	■	■	■	■
4	4 ... 12 mm	8HP1808	■	■	■	■

Cable entries for cable entry plate



Cable diameter	Article No.	1250	630	400	160
14 ... 65 mm	8HC6900	■	■	■	■

Breathers, PG 16



- For distribution boards in an outdoor climate to avoid condensate
- Degree of protection IP54

Article No.	1250	630	400	160
8HE8541	■	■	■	■

¹⁾ Roof plate only