



Kraus & Naimer

BLUE LINE switchgear

since 1907

Catalog 500

Main Switches	16 A-315 A
Maintenance Switches	20 A-315 A
Switch Disconnectors	20 A-315 A



Kraus & Naimer

The development of the Blue Line rotary switch, contactor and motor starter product ranges is based on more than seventy-five years experience by Kraus & Naimer in the design and manufacture of electrical switchgear. Kraus & Naimer pioneered the introduction of the cam operated rotary switch and continues to be recognized as the world leader in that product field.

BLUE LINE

Blue Line products are protected by numerous patents throughout the industrial world. They are built to national and international standards and designed to withstand adverse temperatures and climates.

Blue Line products are accepted and universally recognized for their quality and workmanship. They are supported by a worldwide sales and service organization.

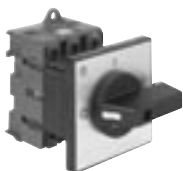
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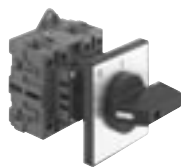
WORLDWIDE SYMBOL
FOR QUALITY SWITCHGEAR

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Switch disconnectors of the KG-series



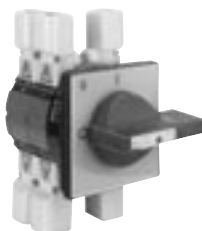
Switch disconnectors of the KH-series



Main switches of the KG- and KH-series
2 designs



Main switches C316



Maintenance and safety switches
2 designs



Construction Data

The switches described in this catalog exceed the requirements of IEC 60947-3, EN 60947-3, VDE 0660 part 107, IEC 60204, EN 60204 and VDE 0113 and meet the standard on switch disconnectors, main switches and maintenance switches.

Common characteristics of the modular switch line KG and KH are:

High circuit withstand capability and greater air and creepage distances for circuits up to 1000 V resp. 690 V. Positive contact movement during making and breaking operations.

Base mounted switches up to 100 A are designed for standard rail mounting in accordance with EN 50022. For ease of installation, switch terminations are on the same plane as the power conductors and are supplied with open terminals. Captive plus-minus terminal screws and integrated screwdriver guides also reduce wiring time.

Terminals on the KG10 through KG160 and the KH-series are all finger-proof in accordance with EN 50274, VDE 0660 part 514 and BGV A3, with additional protection IP 20 (all-around finger-proof) on the KG10 through KG64 resp. KH40.

The switches of the KH-series are also available with adjustable length through shaft and for connecting with ring type terminals. KG125, KG160, KG210, KG250 and KG315 can be supplied with bolt terminals either on top or with terminals on the top and bottom.

C type switches used as main switches require a protective cover for the outgoing and incoming terminals.

Enclosures for the C and KG type switches are made of a strong durable plastic with high UV-resistance and are designed with extra space for easy wiring. A special enclosure series which is suitable for applications in an aggressive environment, such as oil, chemical substances and grease is also available.

Selection of the Main Switches

The regulations of VDE 0113 part 1 resp. EN 60204-1 indicate a difference between switch disconnectors and disconnectors when selecting the main switch.

Switch disconnectors have to conform to category AC-23B. The disconnector must have an auxiliary contact which ensures the load interruption by means of contactor. The disconnector, therefore, should be selected according to the thermal current of the load. The auxiliary contact must have a sufficient AC-15 switching capacity to operate the contactor.

When using the switch disconnector as a main switch the breaking capacity of the switch has to be considered. The interruption capacity of the switch must equal or exceed the locked rotor current of the machine's largest motor plus the total current of all other electrical equipment in the circuit. In addition, the total nominal current of all electrical equipment may not exceed the rated thermal current of the switch.

Standard Equipment

Main Switches and Main Switches with Emergency Function:

Are supplied with a padlockable handle and protective cover for all the incoming terminals for switch types C316, KG80 through KG315, KH63 and KH80. Switch types C316, KG210, KG250 and KG315 are also supplied with protective covers on the outgoing terminals.

Main switches are fitted with black handles. Main switches with emergency function are supplied with red handles and contrasting yellow escutcheon plate.

Switches with door clutches are also supplied with a padlock device.

Maintenance and Safety Switches (Main Switches and Main Switches with Emergency Function in Enclosure):

High strength durable plastic enclosures are designed with extra space for easy wiring (see Construction Data), totally insulated acc. to IEC 364-4-41, HD 384.4.41 S2 and VDE 0100-410. Main switches are fitted with electro-gray or black handles. Main switches with emergency function are supplied with red handles and contrasting yellow escutcheon plate.

Ground terminal.

Special safety interlocked covers supplied with enclosures.

Switches with code numbers ending with STM are supplied with conduit entries.

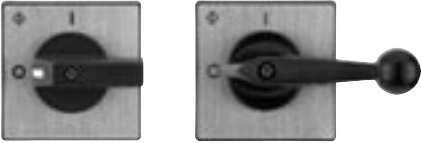
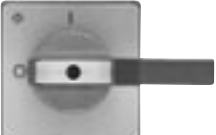
Notes:

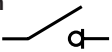
Auxiliary contacts close after the main contacts close and open before main contacts open. A selection of padlock devices are shown on page 3.

Main switches with 4 poles and also maintenance switches with 6 poles and more on request.

Ordering Information

Ordering information is shown in blue on pages 6-35.

Mounting Units Switch disconnectors Main switches and main switches with emergency function with padlock device	Size	Padlocks		Standard for Switch Types
	in mm	Max. Pad-lock	Shackle in mm	Further variations on request.
 KG210, KG250, KG315	48 x 48	–	–	<u>Four hole panel mounting, base mounting</u> KG10A, KG 20A, KG32A, KG41, KG64, KH16, KH20, KH25 <u>Single hole mounting 22 mm</u> KG10A, KG20A, KG32A, KH16, KH20, KH25 <u>Direct-mounting on printed circuit board</u> KG21A, KG33A
	64 x 64	–	–	<u>Four hole panel mounting, base mounting</u> KG10B, KG20B, KG32B, KG41B, KG64B, KG80, KG100, KH16B, KH20B, KH25B, KH32, KH40, KH63, KH80
	88 x 88	–	–	KG80C, KG100C, KG125, KG160, KG210, KG250, KG315
	130 x 130	–	–	C316
	74 x 74	3	9	<u>In enclosure</u> KG10, KG20, KG20B, KG32, KG32B, KG41, KG41B, KG64, KG64B, KG80, KG100 KH16, KH20, KH25, KH32, KH40, KH63, KH80
	64 x 64	3	9	<u>Four hole panel mounting, base mounting</u> KG10B, KG20B, KG32B, KG41B, KG64B, KG80, KG100, KH16B, KH20B, KH25B, KH32, KH40, KH63, KH80 <u>Single hole mounting 22 mm</u> KG10B, KG20B, KG32B, KH16, KH20, KH25, KH32, KH40
	88 x 88	3	10	<u>Four hole panel mounting</u> KG80C, KG100C, KG125, KG160 <u>Base mounting</u> KG125, KG160 <u>In enclosure</u> KG80C, KG100C, KG125, KG160
	48 x 48	3 4	7 or 5	<u>Four hole panel mounting, base mounting</u> KG10A, KG20A, KG32A, KG41, KG64, KH16, KH20, KH25 <u>Single hole mounting 22 mm</u> KG10A, KG20A, KG32A, KH16, KH20, KH25
	64 x 64	3 4	8 or 5	<u>Four hole panel mounting or</u> <u>Single hole mounting 22 mm, base mounting</u> KG10B, KG20B, KG32B, KG41B, KG64B, KG80, KG100, KH16B, KH20B, KH25B, KH32, KH40, KH63, KH80 <u>In enclosure</u> KG10, KG20, KG20B, KG32, KG32B, KG41, KG41B, KG64, KG64B, KG80, KG100
	88 x 88	4	9	<u>Four hole panel mounting</u> KG80C, KG100C, KG125, KG160, KG210, KG250, KG315 KG41B T..3/81 E, KG64B T..3/81 E <u>In enclosure</u> KG80C, KG100C, KG125, KG160, KG250, KG315
	130 x 130	4	9	<u>Four hole panel mounting and in enclosure</u> C316
	88 x 88	4	9	<u>Four hole panel mounting</u> KG250, KG315
	88 x 88	3	9	<u>Base mounting</u> KG20B, KG32B, KG41B, KG64B, KG80, KG100, KG125, KG160, KG210, KG250, KG315, KH32, KH40, KH63, KH80, C316 With integrated door clutch. The handle is restricted if the door is opened. In the I-position the door can be opened with a special key. Possible misalignment of the shaft can be compensated for by the door clutch. To open the door in the I-position an unlock insert S1D M700 29 is available on request.

Technical Data in accordance with IEC 60947, EN 60947, VDE 0660, IEC 60204, EN 60204, VDE 0113  Nominal ratings for North America (UL) see Catalog 150 ⁵ .		KG10 KG10A KG10B	KH16 KH16B	KG20 KG20A KG20B	KH20 KH20B	KH25 KH25B	KG32 KG32A KG32B	KH32	KG41 KG41B
Rated Values									
Insulation voltage U_i ¹	V	690	800 ²	690	800 ²	800 ²	690	800 ²	690
min. voltage	V					on request			
Impulse withstand voltage U_{imp} ¹	kV	4	6	6	6	6	6	6	6
Thermal current	$I_{u \text{ open}} = I_{th}$	20	16	25	20	25	32	32	40
	$I_{the \text{ enclosed}}$	20	16	25	20	25	32	32	40
Breaking capacity	220 V/240 V	120	160	180	200	250	220	300	300
	380 V/440 V	120	160	180	200	250	220	300	300
	660 V/690 V	80	160	125	160	180	135	210	150
Main Switch Voltage Rating									
Disconnection property up to ¹	V	690	690	690	690	690	690	690	690
Utilization Category									
AC-21A Switch disconnectors for resistive load I_e	A	20	16	25	20	25	32	32	40
AC-3 Direct switching of single motors	3 phase, 3 pole								
	220 V/240 V	2,2	3	4	3,5	4	5,5	5,5	7,5
	380 V/440 V	3,7	5,5	5,5	6,5	7,5	7,5	11	11
	660 V/690 V	3,7	5,5	5,5	6,5	7,5	7,5	11	11
	1 phase, 2 pole								
	220 V/240 V	1,1	1,5		2	2,5		3	
AC-23A, Switch dis- AC-23B connectors for motor circuits, main switches etc.	3 phase, 3 pole								
	220 V/240 V	3	4,5	5,5	5,5	7	5,5	9	7,5
	380 V/440 V	5,5	7,5	7,5	10	12	11	16	15
	660 V/690 V	5,5	13	7,5	15	17	11	22	15
	1 phase, 2 pole								
	220 V/240 V	1,5	2		2,5	3,3		4,2	
Power loss per contact at I_u Resistance to vibration ⁷ Resistance to shock ⁷	380 V/440 V	2,2	3,7		4,5	5,5		7,5	
	W	0,9	0,2	0,7	0,3	0,3	1,1	0,4	1
	C	C	C	A	C	C	A	C	A
Short Circuit Protection									
Max. fuse size (gL-characteristic)	A	20	25	35	35	35	35	35	50
Rated short-time withstand current (1s-current)	A	130	400	350	450	500	430	850	500
Max. Permissible Wire Gage⁶									
Single-core or stranded wire	mm ²	2,5	6	6	6	6	6	10	16
	AWG	12	10	10	10	10	10	8	6
	MCM	—	—	—	—	—	—	—	—
Flexible wire with sleeve	mm ²	2,5	4	4	4	4	4	6	10
	AWG	12	12	10	12	12	10	10	8
	MCM	—	—	—	—	—	—	—	—
Connecting bolts	mm	—	—	—	—	—	—	—	—
Flat copper busbar	mm	—	—	—	—	—	—	—	—
Auxiliary Contacts Rated Values									
Insulation voltage U_i ¹	V	690	440	500	440	440	500	440	690
Impulse withstand voltage U_{imp} ¹	kV	4	4	6	4	4	6	4	6
Thermal current	$I_{u \text{ open}} = I_{th}$	20	10	10	10	10	10	10	16
	$I_{the \text{ enclosed}}$	20	10	10	10	10	10	10	16
AC-15 Operational current I_e	220 V/240 V	6	2,5	2,5	2,5	2,5	2,5	2,5	6
	380 V/440 V	4	1,5	1,5	1,5	1,5	1,5	1,5	3
Short Circuit Protection									
Max. fuse size (gL-characteristic)	A	20	10	10	10	10	10	10	16
Max. Permissible Wire Gage⁶									
Single-core or stranded wire	mm ²	2,5	1,5	1,5	1,5	1,5	1,5	1,5	2,5
	AWG	12	14	14	14	14	14	14	12
	mm ²	2,5	1,5	1,5	1,5	1,5	1,5	1,5	2,5
Flexible wire with sleeve	AWG	12	16	16	16	16	16	16	14

¹Valid for lines with grounded common neutral termination, overvoltage category III, pollution degree 3. Values for other supply systems on request.

²Suitable for no load switching applications (AC-20A) above 690 V. ³The values after the slash are valid for switches 6 pole and more. ⁴Connecting for cable lug.

KH40	KG64 KG64B	KH63	KG80 KG80C	KH80	KG100 KG100C	KG125	KG160	KG210	KG250	KG315	C316
800 ²	690	1000 ²	690	1000 ²	690	1000 ²	1000 ²	1000 ²	1000 ²	1000 ²	1000
6	6	8	6	8	6	8	8	8	8	8	8
40	63	63	80	80	100	125	160	200	250	315	315
40	63	63	80	80	100	125	160	200	250	315	315/275 ³
380	350	550	560	650	700	800	900	1300	1600	1800	2000
380	350	500	560	630	650	750	850	1100	1380	1650	2000
230	190	280	200	340	280	340	340	400	400	400	335
690	690	1000 ²	690	1000 ²	690	1000 ²	1000 ²	1000 ²	1000 ²	1000 ²	1000
40	63	63	80	80	100	125	160	200	250	315	315
7,5	11	11	15	15	18,5	22	30	37	37	45	37
15	18,5	22	22	30	30	37	45	55	55	75	55
15	15	18,5	18,5	22	22	30	37	40	40	45	37
4,5		7,5		10							
9		11		15							
11	11	18,5	18,5	23	22	30	30	37	37	55	75
20	22	30	30	40	37	45	55	75	90	110	132
25	18,5	30	22	37	30	37	37	45	45	45	37
5,5		8,5		11							
11		15		18,5							
0,6	2,2	1,5	1,7	2,7	2,4	3,1	5	5	8	12,7	17
C	A	C	A	C	A	C	C	C	C	C	C
C	B	C	B	C	B	C	C	C	C	C	C
50	63	80	80	100	100	125	160	200	250	315	315
950	580	1200	1600	1600	1850	2500	3000	4000	4600	5800	4200
10	16	35	50	35	50	95	95	185	185	185	185 ⁴
8	6	2	1/0	2	1/0	3/0	3/0	—	—	—	—
—	—	—	—	—	—	—	—	350	350	350	350
6	10	25	35	25	35	70	70	120	120	120	150 ⁴
10	8	4	2	4	2	1/0	1/0	—	—	—	—
—	—	—	—	—	—	—	—	250	250	250	300
—	—	—	—	—	—	—	—	—	—	—	M12
—	—	—	—	—	—	—	—	—	—	—	—
440	690	440	690	440	690	690	690	690	690	690	690
4	6	4	6	4	6	6	6	6	6	6	6
10	16	10	16	10	16	16	16	16	16	16	16
10	16	10	16	10	16	16	16	16	16	16	16
2,5	6	2,5	6	2,5	6	6	6	6	6	6	6
1,5	3	1,5	3	1,5	3	3	3	3	3	3	4
10	16	10	16	10	16	16	16	16	16	16	16
1,5	2,5	1,5	2,5	1,5	2,5	2,5	2,5	2,5	2,5	2,5	4
14	12	14	12	14	12	12	12	12	12	12	12
1,5	2,5	1,5	2,5	1,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
16	14	16	14	16	14	14	14	14	14	14	14

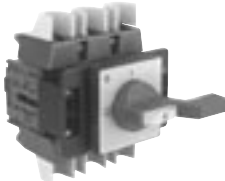
⁵The switches of the KG- and KH-series shown in this catalog are approved by UL and CSA as „disconnect switches for use in motor circuits“. Exception: Switches in enclosure. ⁶Use copper wire only. ⁷A: min. 4 g, 2-100 Hz, 1,6 mm. B: min. 5 g, 6 ms. C: on request. Storage temperature for all switch types: -40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible).

Main Switches and Main Switches with Emergency Function 2 and 3 pole, for Four Hole Panel Mounting

Version Protection Escutcheon plate in mm	Thermal Current I_U/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity	Main Switches Handle black		EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN- Code 9004257
IP 66 64 x 64 	20 A	220 V/240 V 1,5 kW / 120 A	2 pole KG10B	T102/01 E	01367 8	2 pole KG10B	T202/01 E	01375 3
	20 A	3 x 380 V/440 V 5,5 kW / 120 A	3 pole KG10B	T103/01 E	01044 8	3 pole KG10B	T203/01 E	01049 3
	25 A	7,5 kW / 180 A	KG20B	T103/01 E	00001 2	KG20B	T203/01 E	00043 2
	32 A	11 kW / 220 A	KG32B	T103/01 E	00002 9	KG32B	T203/01 E	00044 9
	40 A	15 kW / 300 A	KG41B	T103/01 E	00003 6	KG41B	T203/01 E	00045 6
	63 A	22 kW / 350 A	KG64B	T103/01 E	00004 3	KG64B	T203/01 E	00046 3
	80 A	30 kW / 560 A	KG80	T103/01 E	00005 0	KG80	T203/01 E	00047 0
	100 A	37 kW / 650 A	KG100	T103/01 E	00006 7	KG100	T203/01 E	00048 7
	80 A	30 kW / 560 A	KG80C	T103/01 E	01383 8	KG80C	T203/01 E	01389 0
	100 A	37 kW / 650 A	KG100C	T103/01 E	01384 5	KG100C	T203/01 E	01390 6
	125 A	45 kW / 750 A	KG125	T103/01 E	00008 1	KG125	T203/01 E	00050 0
	160 A	55 kW / 850 A	KG160	T103/01 E	00009 8	KG160	T203/01 E	00051 7
IP 66 ¹ 48 x 48 64 x 64 	20 A	220 V/240 V 1,5 kW / 120 A	2 pole KG10A	T102/04 E	01368 5	2 pole KG10A	T202/04 E	01376 0
	20 A	3 x 380 V/440 V 5,5 kW / 120 A	3 pole KG10A	T103/04 E	01046 2	3 pole KG10A	T203/04 E	01051 6
	25 A	7,5 kW / 180 A	KG20A	T103/04 E	01110 0	KG20A	T203/04 E	01132 2
	32 A	11 kW / 220 A	KG32A	T103/04 E	01111 7	KG32A	T203/04 E	01133 9
	40 A	15 kW / 300 A	KG41	T103/04 E	01112 4	KG41	T203/04 E	01134 6
	63 A	22 kW / 350 A	KG64	T103/04 E	01113 1	KG64	T203/04 E	01135 3
	20 A	220 V/240 V 1,5 kW / 120 A	2 pole KG10B	T102/04 E	01369 2	2 pole KG10B	T202/04 E	01377 7
	20 A	3 x 380 V/440 V 5,5 kW / 120 A	3 pole KG10B	T103/04 E	01047 9	3 pole KG10B	T203/04 E	01052 3
	25 A	7,5 kW / 180 A	KG20B	T103/04 E	01114 8	KG20B	T203/04 E	01136 0
	32 A	11 kW / 220 A	KG32B	T103/04 E	01115 5	KG32B	T203/04 E	01137 7
	40 A	15 kW / 300 A	KG41B	T103/04 E	01116 2	KG41B	T203/04 E	01138 4
	63 A	22 kW / 350 A	KG64B	T103/04 E	01117 9	KG64B	T203/04 E	01139 1
	80 A	30 kW / 560 A	KG80	T103/04 E	01118 6	KG80	T203/04 E	01140 7
	100 A	37 kW / 650 A	KG100	T103/04 E	01119 3	KG100	T203/04 E	01141 4
	40 A	15 kW / 300 A	KG41B	T103/81 E	03170 2	KG41B	T203/81 E	03172 6
	63 A	22 kW / 350 A	KG64B	T103/81 E	03171 9	KG64B	T203/81 E	03173 3
	80 A	30 kW / 560 A	KG80C	T103/04 E	00021 0	KG80C	T203/04 E	00063 0
	100 A	37 kW / 650 A	KG100C	T103/04 E	00022 7	KG100C	T203/04 E	00064 7
	125 A	45 kW / 750 A	KG125	T103/04 E	00024 1	KG125	T203/04 E	00066 1
	160 A	55 kW / 850 A	KG160	T103/04 E	00025 8	KG160	T203/04 E	00067 8
	200 A	75 kW / 1100 A	KG210	T103/05 E	07491 4	KG210	T203/05 E	07484 6
	250 A	90 kW / 1380 A	KG250	T103/05 E	00027 2	KG250	T203/05 E	00069 2
	315 A	110 kW / 1650 A	KG315	T103/05 E	00028 9	KG315	T203/05 E	00070 8
	315 A	132 kW / 2000 A	C316	T103/05 E	00029 6	C316	T203/05 E	00071 5

¹C316 protection IP 40. Higher protection available on request.

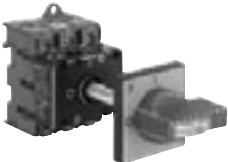
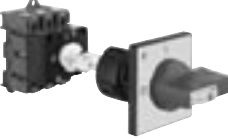
Main Switches and Main Switches with Emergency Function 3 pole, for Four Hole Panel Mounting

Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 88 x 88 	250 A 315 A	90 kW / 1380 A 110 kW / 1650 A	KG250 T103/66 E KG315 T103/66 E	01276 3 01277 0	KG250 T203/66 E KG315 T203/66 E	01278 7 01279 4

Main Switches and Main Switches with Emergency Function 2 and 3 pole, for Single Hole Mounting 22 mm

Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 64 x 64 	20 A 20 A 25 A 32 A	220 V/240 V 1,5 kW / 120 A 3 x 380 V/440 V 5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A	2 pole KG10B T102/01 FT2 3 pole KG10B T103/01 FT2 KG20B T103/01 FT2 KG32B T103/01 FT2	01372 2 01048 6 00085 2 00086 9	2 pole KG10B T202/01 FT2 3 pole KG10B T203/01 FT2 KG20B T203/01 FT2 KG32B T203/01 FT2	01380 7 01053 0 00089 0 00090 6
IP 66 48 x 48  64 x 64	20 A 20 A 25 A 32 A	220 V/240 V 1,5 kW / 120 A 3 x 380 V/440 V 5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A	2 pole KG10A T102/04 FT2 3 pole KG10A T103/04 FT2 KG20A T103/04 FT2 KG32A T103/04 FT2	01370 8 01054 7 01130 8 01131 5	2 pole KG10A T202/04 FT2 3 pole KG10A T203/04 FT2 KG20A T203/04 FT2 KG32A T203/04 FT2	01378 4 01072 1 01152 0 01153 7
	20 A 20 A 25 A 32 A	220 V/240 V 1,5 kW / 120 A 3 x 380 V/440 V 5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A	2 pole KG10B T102/04 FT2 3 pole KG10B T103/04 FT2 KG20B T103/04 FT2 KG32B T103/04 FT2	01371 5 01055 4 01056 1 01057 8	2 pole KG10B T202/04 FT2 3 pole KG10B T203/04 FT2 KG20B T203/04 FT2 KG32B T203/04 FT2	01379 1 01073 8 01074 5 01075 2

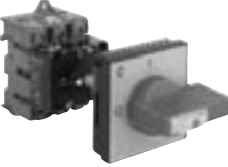
Main Switches and Main Switches with Emergency Function 2 and 3 pole, for Base Mounting with Simplified Door Clutch, Padlock Device and Single Hole Mounting 22 mm

Version Protection Escutcheon plate in mm	Thermal Current I_U/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 48 x 48 	20 A	220 V/240 V 1,5 kW / 120 A	2 pole KG10A T102/68 VE	01373 9	2 pole KG10A T202/68 VE	01381 4
	20 A	3 x 380 V/440 V 5,5 kW / 120 A	3 pole KG10A T103/68 VE	01060 8	3 pole KG10A T203/68 VE	01078 3
	25 A	7,5 kW / 180 A	KG20A T103/68 VE	01061 5	KG20A T203/68 VE	01079 0
	32 A	11 kW / 220 A	KG32A T103/68 VE	01062 2	KG32A T203/68 VE	01080 6
	40 A	15 kW / 300 A	KG41 T103/68 VE	01063 9	KG41 T203/68 VE	01081 3
	63 A	22 kW / 350 A	KG64 T103/68 VE	01064 6	KG64 T203/68 VE	01082 0
	20 A	220 V/240 V 1,5 kW / 120 A	2 pole KG10B T102/68 VE	01374 6	2 pole KG10B T202/68 VE	01382 1
	20 A	3 x 380 V/440 V 5,5 kW / 120 A	3 pole KG10B T103/68 VE	01065 3	3 pole KG10B T203/68 VE	01083 7
	25 A	7,5 kW / 180 A	KG20B T103/68 VE	01066 0	KG20B T203/68 VE	01084 4
	32 A	11 kW / 220 A	KG32B T103/68 VE	01067 7	KG32B T203/68 VE	01085 1
	40 A	15 kW / 300 A	KG41B T103/68 VE	01068 4	KG41B T203/68 VE	01086 8
	63 A	22 kW / 350 A	KG64B T103/68 VE	01069 1	KG64B T203/68 VE	01087 5
	80 A	30 kW / 560 A	KG80 T103/68 VE	01070 7	KG80 T203/68 VE	01088 2
	100 A	37 kW / 650 A	KG100 T103/68 VE	01071 4	KG100 T203/68 VE	01089 9
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	20 A	3 x 380 V/440 V 5,5 kW / 120 A	3 pole KG10B T103/93 VE	06347 5	3 pole KG10B T203/93 VE	06354 3
	25 A	7,5 kW / 180 A	KG20B T103/93 VE	06348 2	KG20B T203/93 VE	06355 0
	32 A	11 kW / 220 A	KG32B T103/93 VE	06349 9	KG32B T203/93 VE	06356 7
	40 A	15 kW / 300 A	KG41B T103/93 VE	06350 5	KG41B T203/93 VE	06357 4
	63 A	22 kW / 350 A	KG64B T103/93 VE	06351 2	KG64B T203/93 VE	06358 1
	80 A	30 kW / 560 A	KG80 T103/93 VE	06352 9	KG80 T203/93 VE	06359 8
	100 A	37 kW / 650 A	KG100 T103/93 VE	06353 6	KG100 T203/93 VE	06360 4
	20 A	3 x 380 V/440 V 5,5 kW / 120 A	3 pole KG10B T103/94 VE	06361 1	3 pole KG10B T203/94 VE	06368 0
	25 A	7,5 kW / 180 A	KG20B T103/94 VE	06362 8	KG20B T203/94 VE	06369 7
	32 A	11 kW / 220 A	KG32B T103/94 VE	06363 5	KG32B T203/94 VE	06370 3
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	40 A	15 kW / 300 A	KG41B T103/94 VE	06364 2	KG41B T203/94 VE	06371 0
	63 A	22 kW / 350 A	KG64B T103/94 VE	06365 9	KG64B T203/94 VE	06372 7
	80 A	30 kW / 560 A	KG80 T103/94 VE	06366 6	KG80 T203/94 VE	06373 4
	100 A	37 kW / 650 A	KG100 T103/94 VE	06367 3	KG100 T203/94 VE	06374 1

Main Switches and Main Switches with Emergency Function

3 pole, for Base Mounting

with Door Clutch

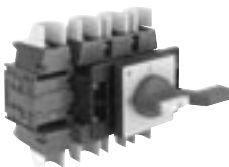
Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black		EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN- Code 9004257
IP 66/67 64 x 64 	20 A	5,5 kW / 120 A	KG10B	T103/09 VE	01280 0	KG10B	T203/09 VE	01281 7
	25 A	7,5 kW / 180 A	KG20B	T103/09 VE	00093 7	KG20B	T203/09 VE	00107 1
	32 A	11 kW / 220 A	KG32B	T103/09 VE	00094 4	KG32B	T203/09 VE	00108 8
	40 A	15 kW / 300 A	KG41B	T103/09 VE	00095 1	KG41B	T203/09 VE	00109 5
	63 A	22 kW / 350 A	KG64B	T103/09 VE	00096 8	KG64B	T203/09 VE	00110 1
	80 A	30 kW / 560 A	KG80	T103/09 VE	00097 5	KG80	T203/09 VE	00111 8
	100 A	37 kW / 650 A	KG100	T103/09 VE	00098 2	KG100	T203/09 VE	00112 5
	88 x 88							
	125 A	45 kW / 750 A	KG125	T103/09 VE	00100 2	KG125	T203/09 VE	00114 9
	160 A	55 kW / 850 A	KG160	T103/09 VE	00101 9	KG160	T203/09 VE	00115 6
IP 65 48 x 48 	20 A	5,5 kW / 120 A	KG10A	T103/65 VE	01058 5	KG10A	T203/65 VE	01076 9
	25 A	7,5 kW / 180 A	KG20A	T103/65 VE	01120 9	KG20A	T203/65 VE	01142 1
	32 A	11 kW / 220 A	KG32A	T103/65 VE	01121 6	KG32A	T203/65 VE	01143 8
IP 66/67 64 x 64  With integrated door clutch. The handle is restricted if the door is opened. In the I-position the door can be opened with a special key. Possible misalignment of the shaft can be compensated for by the door clutch. To open the door in the I-position an unlock insert S1D M700 29 is available on request.	20 A	5,5 kW / 120 A	KG10B	T103/65 VE	01059 2	KG10B	T203/65 VE	01077 6
	25 A	7,5 kW / 180 A	KG20B	T103/65 VE	01124 7	KG20B	T203/65 VE	01146 9
	32 A	11 kW / 220 A	KG32B	T103/65 VE	01125 4	KG32B	T203/65 VE	01147 6
	40 A	15 kW / 300 A	KG41B	T103/65 VE	01126 1	KG41B	T203/65 VE	01148 3
	63 A	22 kW / 350 A	KG64B	T103/65 VE	01127 8	KG64B	T203/65 VE	01149 0
	80 A	30 kW / 560 A	KG80	T103/65 VE	01128 5	KG80	T203/65 VE	01150 6
	100 A	37 kW / 650 A	KG100	T103/65 VE	01129 2	KG100	T203/65 VE	01151 3
IP 66 88 x 88 	25 A	7,5 kW / 180 A	KG20B	T103/12 VE	01591 7	KG20B	T203/12 VE	01593 1
	32 A	11 kW / 220 A	KG32B	T103/12 VE	01592 4	KG32B	T203/12 VE	01594 8
	40 A	15 kW / 300 A	KG41B	T103/12 VE	00129 3	KG41B	T203/12 VE	00159 0
	63 A	22 kW / 350 A	KG64B	T103/12 VE	00130 9	KG64B	T203/12 VE	00160 6
	80 A	30 kW / 560 A	KG80	T103/12 VE	00131 6	KG80	T203/12 VE	00161 3
	100 A	37 kW / 650 A	KG100	T103/12 VE	00132 3	KG100	T203/12 VE	00162 0
	125 A	45 kW / 750 A	KG125	T103/12 VE	00134 7	KG125	T203/12 VE	00164 4
	160 A	55 kW / 850 A	KG160	T103/12 VE	00135 4	KG160	T203/12 VE	00165 1
	200 A	75 kW / 1100 A	KG210	T103/13 VE	07492 1	KG210	T203/13 VE	07485 3
	250 A	90 kW / 1380 A	KG250	T103/13 VE	00137 8	KG250	T203/13 VE	00167 5
	315 A	110 kW / 1650 A	KG315	T103/13 VE	00138 5	KG315	T203/13 VE	00168 2
	315 A	132 kW / 2000 A	C316	T103/13 VE	00139 2	C316	T203/13 VE	00169 9

Main Switches and Main Switches with Emergency Function 4 pole, for Four Hole Panel Mounting

Version Protection Escutcheon plate in mm	Thermal Current I_U/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black		EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN- Code 9004257
IP 66 64 x 64 	16 A	7,5 kW / 160 A	KH16B	T104/01 E	07091 6	KH16B	T204/01 E	07094 7
	20 A	10 kW / 200 A	KH20B	T104/01 E	07092 3	KH20B	T204/01 E	07095 4
	25 A	12 kW / 250 A	KH25B	T104/01 E	07093 0	KH25B	T204/01 E	07096 1
	32 A	16 kW / 300 A	KH32	T104/01 E	06510 3	KH32	T204/01 E	06511 0
	40 A	20 kW / 380 A	KH40	T104/01 E	06512 7	KH40	T204/01 E	06513 4
	63 A	30 kW / 500 A	KH63	T104/01 E	07493 8	KH63	T204/01 E	07486 0
	80 A	40 kW / 630 A	KH80	T104/01 E	07494 5	KH80	T204/01 E	07487 7
	100 A	37 kW / 650 A	KG100	T104/01 E	00186 6	KG100	T204/01 E	00228 3
88 x 88 	80 A	30 kW / 560 A	KG80C	T104/01 E	01385 2	KG80C	T204/01 E	01391 3
	100 A	37 kW / 650 A	KG100C	T104/01 E	01386 9	KG100C	T204/01 E	01392 0
	125 A	45 kW / 750 A	KG125	T104/01 E	00188 0	KG125	T204/01 E	00230 6
	160 A	55 kW / 850 A	KG160	T104/01 E	00189 7	KG160	T204/01 E	00231 3
IP 66 ¹ 48 x 48 	16 A	7,5 kW / 160 A	KH16	T104/04 E	07097 8	KH16	T204/04 E	07098 5
	20 A	10 kW / 200 A	KH20	T104/04 E	07099 2	KH20	T204/04 E	07100 5
	25 A	12 kW / 250 A	KH25	T104/04 E	07101 2	KH25	T204/04 E	07102 9
	32 A	11 kW / 220 A	KG32A	T104/04 E	01236 7	KG32A	T204/04 E	01248 0
	40 A	15 kW / 300 A	KG41	T104/04 E	01238 1	KG41	T204/04 E	01250 3
	63 A	22 kW / 350 A	KG64	T104/04 E	01240 4	KG64	T204/04 E	01252 7
64 x 64 	16 A	7,5 kW / 160 A	KH16B	T104/04 E	07103 6	KH16B	T204/04 E	07106 7
	20 A	10 kW / 200 A	KH20B	T104/04 E	07104 3	KH20B	T204/04 E	07107 4
	25 A	12 kW / 250 A	KH25B	T104/04 E	07105 0	KH25B	T204/04 E	07108 1
	32 A	16 kW / 300 A	KH32	T104/04 E	06514 1	KH32	T204/04 E	06515 8
	40 A	20 kW / 380 A	KH40	T104/04 E	06516 5	KH40	T204/04 E	06517 2
	63 A	30 kW / 500 A	KH63	T104/04 E	07495 2	KH63	T204/04 E	07488 4
	80 A	40 kW / 630 A	KH80	T104/04 E	07496 9	KH80	T204/04 E	07489 1
	100 A	37 kW / 650 A	KG100	T104/04 E	01243 5	KG100	T204/04 E	01255 8
88 x 88 	80 A	30 kW / 560 A	KG80C	T104/04 E	00201 6	KG80C	T204/04 E	00243 6
	100 A	37 kW / 650 A	KG100C	T104/04 E	00202 3	KG100C	T204/04 E	00244 3
	125 A	45 kW / 750 A	KG125	T104/04 E	00204 7	KG125	T204/04 E	00246 7
	160 A	55 kW / 850 A	KG160	T104/04 E	00205 4	KG160	T204/04 E	00247 4
	200 A	75 kW / 1100 A	KG210	T104/05 E	07497 6	KG210	T204/05 E	07490 7
	250 A	90 kW / 1380 A	KG250	T104/05 E	00207 8	KG250	T204/05 E	00249 8
	315 A	110 kW / 1650 A	KG315	T104/05 E	00208 5	KG315	T204/05 E	00250 4
130 x 130	315 A	132 kW / 2000 A	C316	T104/05 E	00209 2	C316	T204/05 E	00251 1

¹C316 protection IP 40. Higher protection available on request.

Main Switches and Main Switches with Emergency Function 4 pole, for Four Hole Panel Mounting

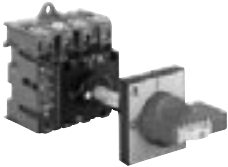
Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 88 x 88 	250 A 315 A	90 kW / 1380 A 110 kW / 1650 A	KG250 T104/66 E KG315 T104/66 E	01256 5 01257 2	KG250 T204/66 E KG315 T204/66 E	01258 9 01259 6

Main Switches and Main Switches with Emergency Function 4 pole, for Single Hole Mounting 22 mm

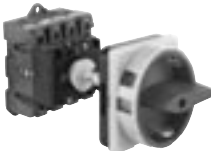
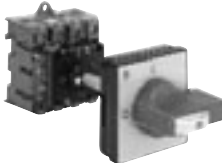
Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 64 x 64 	16 A 20 A 25 A 32 A 40 A 63 A 80 A	7,5 kW / 160 A 10 kW / 200 A 12 kW / 250 A 16 kW / 300 A 20 kW / 380 A 30 kW / 500 A 40 kW / 630 A	KH16 T104/01 FH3 KH20 T104/01 FH3 KH25 T104/01 FH3 KH32 T104/01 FH3 KH40 T104/01 FH3 KH63 T104/01 FH3 ¹ KH80 T104/01 FH3 ¹	07109 8 07110 4 07111 1 06668 1 06669 8 08908 6 08910 9	KH16 T204/01 FH3 KH20 T204/01 FH3 KH25 T204/01 FH3 KH32 T204/01 FH3 KH40 T204/01 FH3 KH63 T204/01 FH3 ¹ KH80 T204/01 FH3 ¹	07112 8 07113 5 07114 2 06670 4 06671 1 08909 3 08911 6
IP 66 48 x 48 	16 A 20 A 25 A 32 A	7,5 kW / 160 A 10 kW / 200 A 12 kW / 250 A 11 kW / 220 A	KH16 T104/04 FT2 KH20 T104/04 FT2 KH25 T104/04 FT2 KG32A T104/04 FT2	07115 9 07116 6 07117 3 01266 4	KH16 T204/04 FT2 KH20 T204/04 FT2 KH25 T204/04 FT2 KG32A T204/04 FT2	07118 0 07119 7 07120 3 01272 5
64 x 64	16 A 20 A 25 A 32 A 40 A 63 A 80 A	7,5 kW / 160 A 10 kW / 200 A 12 kW / 250 A 16 kW / 300 A 20 kW / 380 A 30 kW / 500 A 40 kW / 630 A	KH16 T104/04 FH3 KH20 T104/04 FH3 KH25 T104/04 FH3 KH32 T104/04 FH3 KH40 T104/04 FH3 KH63 T104/04 FH3 ¹ KH80 T104/04 FH3 ¹	07121 0 07122 7 07123 4 06672 8 06673 5 08912 3 08914 7	KH16 T204/04 FH3 KH20 T204/04 FH3 KH25 T204/04 FH3 KH32 T204/04 FH3 KH40 T204/04 FH3 KH63 T204/04 FH3 ¹ KH80 T204/04 FH3 ¹	07124 1 07125 8 07126 5 06674 2 06675 9 08913 0 08915 4

¹For KH63 and KH80 use flexible wire only in order to avoid excessive pressure on single hole mounting.

Main Switches and Main Switches with Emergency Function
4 pole, for Base Mounting
with Door Clutch, Padlock Device and Single Hole Mounting 22 mm

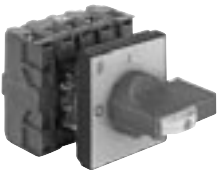
Version Protection Escutcheon plate in mm	Thermal Current I_U/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 48 x 48 	16 A 20 A 25 A 32 A 40 A 63 A	7,5 kW / 160 A 10 kW / 200 A 12 kW / 250 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A	KH16 T104/68 VE KH20 T104/68 VE KH25 T104/68 VE KG32A T104/68 VE KG41 T104/68 VE KG64 T104/68 VE	07127 2 07128 9 07129 6 01182 7 01184 1 01186 5	KH16 T204/68 VE KH20 T204/68 VE KH25 T204/68 VE KG32A T204/68 VE KG41 T204/68 VE KG64 T204/68 VE	07130 2 07131 9 07132 6 01194 0 01196 4 01198 8
64 x 64	16 A 20 A 25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 160 A 10 kW / 200 A 12 kW / 250 A 16 kW / 300 A 20 kW / 380 A 30 kW / 500 A 40 kW / 630 A 37 kW / 650 A	KH16B T104/68 VE KH20B T104/68 VE KH25B T104/68 VE KH32 T104/68 VE KH40 T104/68 VE KH63 T104/68 VE KH80 T104/68 VE KG100 T104/68 VE	07133 3 07134 0 07135 7 06518 9 06520 2 07498 3 07500 3 01189 6	KH16B T204/68 VE KH20B T204/68 VE KH25B T204/68 VE KH32 T204/68 VE KH40 T204/68 VE KH63 T204/68 VE KH80 T204/68 VE KG100 T204/68 VE	07136 4 07137 1 07138 8 06519 6 06521 9 07499 0 07501 0 01201 5
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	16 A 20 A 25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 160 A 10 kW / 200 A 12 kW / 250 A 16 kW / 300 A 20 kW / 380 A 30 kW / 500 A 40 kW / 630 A 37 kW / 650 A	KH16B T104/93 VE KH20B T104/93 VE KH25B T104/93 VE KH32 T104/93 VE KH40 T104/93 VE KH63 T104/93 VE KH80 T104/93 VE KG100 T104/93 VE	07139 5 07140 1 07141 8 06522 6 06524 0 07502 7 07504 1 06381 9	KH16B T204/93 VE KH20B T204/93 VE KH25B T204/93 VE KH32 T204/93 VE KH40 T204/93 VE KH63 T204/93 VE KH80 T204/93 VE KG100 T204/93 VE	07142 5 07143 2 07144 9 06523 3 06525 7 07503 4 07505 8 06388 8
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	16 A 20 A 25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 160 A 10 kW / 200 A 12 kW / 250 A 16 kW / 300 A 20 kW / 380 A 30 kW / 500 A 40 kW / 630 A 37 kW / 650 A	KH16B T104/94 VE KH20B T104/94 VE KH25B T104/94 VE KH32 T104/94 VE KH40 T104/94 VE KH63 T104/94 VE KH80 T104/94 VE KG100 T104/94 VE	07145 6 07146 3 07147 0 06526 4 06528 8 07506 5 07508 9 06395 6	KH16B T204/94 VE KH20B T204/94 VE KH25B T204/94 VE KH32 T204/94 VE KH40 T204/94 VE KH63 T204/94 VE KH80 T204/94 VE KG100 T204/94 VE	07148 7 07149 4 07150 0 06527 1 06529 5 07507 2 07509 6 06402 1

Main Switches and Main Switches with Emergency Function 4 pole, for Base Mounting with Door Clutch

Version	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches		EAN-Code 9004257	Main Switches with Emergency Function		EAN-Code 9004257	
Protection Escutcheon plate in mm			Handle black			Handle red Contrasting yellow plate			
	16 A	7,5 kW / 160 A	KH16B	T104/09 VE	07151 7	KH16B	T204/09 VE	07154 8	
	20 A	10 kW / 200 A	KH20B	T104/09 VE	07152 4	KH20B	T204/09 VE	07155 5	
	25 A	12 kW / 250 A	KH25B	T104/09 VE	07153 1	KH25B	T204/09 VE	07156 2	
	32 A	16 kW / 300 A	KH32	T104/09 VE	06530 1	KH32	T204/09 VE	06531 8	
	40 A	20 kW / 380 A	KH40	T104/09 VE	06532 5	KH40	T204/09 VE	06533 2	
	63 A	30 kW / 500 A	KH63	T104/09 VE	07510 2	KH63	T204/09 VE	07511 9	
	80 A	40 kW / 630 A	KH80	T104/09 VE	07512 6	KH80	T204/09 VE	07513 3	
	100 A	37 kW / 650 A	KG100	T104/09 VE	00278 8	KG100	T204/09 VE	00292 4	
	88 x 88	125 A	45 kW / 750 A	KG125	T104/09 VE	00280 1	KG125	T204/09 VE	00294 8
	160 A	55 kW / 850 A	KG160	T104/09 VE	00281 8	KG160	T204/09 VE	00295 5	
	16 A	7,5 kW / 160 A	KH16	T104/65 VE	07157 9	KH16	T204/65 VE	07160 9	
	20 A	10 kW / 200 A	KH20	T104/65 VE	07158 6	KH20	T204/65 VE	07161 6	
	25 A	12 kW / 250 A	KH25	T104/65 VE	07159 3	KH25	T204/65 VE	07162 3	
	16 A	7,5 kW / 160 A	KH16B	T104/65 VE	07163 0	KH16B	T204/65 VE	07166 1	
	20 A	10 kW / 200 A	KH20B	T104/65 VE	07164 7	KH20B	T204/65 VE	07167 8	
	25 A	12 kW / 250 A	KH25B	T104/65 VE	07165 4	KH25B	T204/65 VE	07168 5	
	32 A	16 kW / 300 A	KH32	T104/65 VE	06534 9	KH32	T204/65 VE	06535 6	
	40 A	20 kW / 380 A	KH40	T104/65 VE	06536 3	KH40	T204/65 VE	06537 0	
	63 A	30 kW / 500 A	KH63	T104/65 VE	07514 0	KH63	T204/65 VE	07515 7	
	80 A	40 kW / 630 A	KH80	T104/65 VE	07516 4	KH80	T204/65 VE	07517 1	
	125 A	45 kW / 750 A	KG125	T104/65 VE	03174 0	KG125	T204/65 VE	03178 8	
	160 A	55 kW / 850 A	KG160	T104/65 VE	03175 7	KG160	T204/65 VE	03179 5	
	250 A	90 kW / 1380 A	KG250	T104/83 VE	03198 6	KG250	T204/83 VE	03200 6	
	315 A	110 kW/ 1650 A	KG315	T104/83 VE	03199 3	KG315	T204/83 VE	03201 3	
	25 A	7,5 kW / 180 A	KG20B	T104/12 VE	00307 5	KG20B	T204/12 VE	00337 2	
	32 A	16 kW / 300 A	KH32	T104/12 VE	06538 7	KH32	T204/12 VE	06539 4	
	40 A	20 kW / 380 A	KH40	T104/12 VE	06540 0	KH40	T204/12 VE	06541 7	
	63 A	30 kW / 500 A	KH63	T104/12 VE	07518 8	KH63	T204/12 VE	07519 5	
	80 A	40 kW / 630 A	KH80	T104/12 VE	07520 1	KH80	T204/12 VE	07521 8	
	100 A	37 kW / 650 A	KG100	T104/12 VE	00312 9	KG100	T204/12 VE	00342 6	
 With integrated door clutch. The handle is restricted if the door is opened. In the I-position the door can be opened with a special key. Possible misalignment of the shaft can be compensated for by the door clutch. To open the door in the I-position an unlock insert S1D M700 29 is available on request.	125 A	45 kW / 750 A	KG125	T104/12 VE	00314 3	KG125	T204/12 VE	00344 0	
	160 A	55 kW / 850 A	KG160	T104/12 VE	00315 0	KG160	T204/12 VE	00345 7	
	200 A	75 kW / 1100 A	KG210	T104/13 VE	07522 5	KG210	T204/13 VE	07523 2	
	250 A	90 kW / 1380 A	KG250	T104/13 VE	00317 4	KG250	T204/13 VE	00347 1	
	315 A	110 kW/ 1650 A	KG315	T104/13 VE	00318 1	KG315	T204/13 VE	00348 8	
	315 A	132 kW/ 2000 A	C316	T104/13 VE	00319 8	C316	T204/13 VE	00349 5	

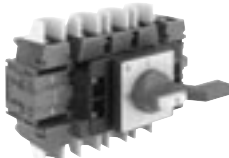
Main Switches and Main Switches with Emergency Function

3 pole + Ground and Neutral Terminal, for Four Hole Panel Mounting

Version Protection Escutcheon plate in mm	Thermal Current I_U/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black		EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN- Code 9004257
IP 66 64 x 64 	25 A	7,5 kW / 180 A	KG20B	T105/01 E	01396 8	KG20B	T205/01 E	01407 1
	32 A	11 kW / 220 A	KG32B	T105/01 E	01397 5	KG32B	T205/01 E	01408 8
	40 A	15 kW / 300 A	KG41B	T105/01 E	01398 2	KG41B	T205/01 E	01409 5
	63 A	22 kW / 350 A	KG64B	T105/01 E	01399 9	KG64B	T205/01 E	01410 1
	80 A	30 kW / 560 A	KG80	T105/01 E	01400 2	KG80	T205/01 E	01411 8
	100 A	37 kW / 650 A	KG100	T105/01 E	01402 6	KG100	T205/01 E	01413 2
88 x 88	80 A	30 kW / 560 A	KG80C	T105/01 E	01401 9	KG80C	T205/01 E	01412 5
	100 A	37 kW / 650 A	KG100C	T105/01 E	01403 3	KG100C	T205/01 E	01414 9
	125 A	45 kW / 750 A	KG125	T105/01 E	01404 0	KG125	T205/01 E	01415 6
	160 A	55 kW / 850 A	KG160	T105/01 E	01405 7	KG160	T205/01 E	01416 3
IP 66 ¹ 48 x 48	25 A	7,5 kW / 180 A	KG20A	T105/04 E	01418 7	KG20A	T205/04 E	01434 7
	32 A	11 kW / 220 A	KG32A	T105/04 E	01419 4	KG32A	T205/04 E	01435 4
	40 A	15 kW / 300 A	KG41	T105/04 E	01420 0	KG41	T205/04 E	01436 1
	63 A	22 kW / 350 A	KG64	T105/04 E	01421 7	KG64	T205/04 E	01437 8
64 x 64 	25 A	7,5 kW / 180 A	KG20B	T105/04 E	01423 1	KG20B	T205/04 E	01439 2
	32 A	11 kW / 220 A	KG32B	T105/04 E	01424 8	KG32B	T205/04 E	01440 8
	40 A	15 kW / 300 A	KG41B	T105/04 E	01425 5	KG41B	T205/04 E	01441 5
	63 A	22 kW / 350 A	KG64B	T105/04 E	01426 2	KG64B	T205/04 E	01442 2
	80 A	30 kW / 560 A	KG80	T105/04 E	01427 9	KG80	T205/04 E	01443 9
	100 A	37 kW / 650 A	KG100	T105/04 E	01428 6	KG100	T205/04 E	01444 6
88 x 88	80 A	30 kW / 560 A	KG80C	T105/04 E	01429 3	KG80C	T205/04 E	01445 3
	100 A	37 kW / 650 A	KG100C	T105/04 E	01430 9	KG100C	T205/04 E	01446 0
	125 A	45 kW / 750 A	KG125	T105/04 E	01431 6	KG125	T205/04 E	01447 7
	160 A	55 kW / 850 A	KG160	T105/04 E	01432 3	KG160	T205/04 E	01448 4
	200 A	75 kW / 1100 A	KG210	T105/05 E	07524 9	KG210	T205/05 E	07525 6
	250 A	90 kW / 1380 A	KG250	T105/05 E	01449 1	KG250	T205/05 E	01451 4
	315 A	110 kW / 1650 A	KG315	T105/05 E	01450 7	KG315	T205/05 E	01452 1

¹C316 protection IP 40. Higher protection available on request.

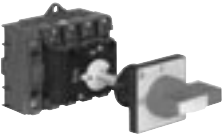
Main Switches and Main Switches with Emergency Function
3 pole + Ground and Neutral Terminal,
for Four Hole Panel Mounting

Version	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches	EAN-Code 9004257	Main Switches with Emergency Function	EAN-Code 9004257
Protection Escutcheon plate in mm			Handle black		Handle red Contrasting yellow plate	
IP 66 88 x 88	250 A 315 A	90 kW / 1380 A 110 kW/ 1650 A	KG250 T105/66 E KG315 T105/66 E	01584 9 01585 6	KG250 T205/66 E KG315 T205/66 E	01586 3 01587 0
						

Main Switches and Main Switches with Emergency Function
3 pole + Ground and Neutral Terminal,
for Single Hole Mounting 22 mm

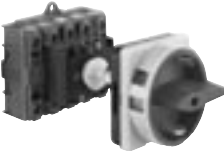
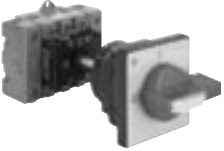
Version	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches	EAN-Code 9004257	Main Switches with Emergency Function	EAN-Code 9004257
Protection Escutcheon plate in mm			Handle black		Handle red Contrasting yellow plate	
IP 66 64 x 64	25 A 32 A	7,5 kW / 180 A 11 kW / 220 A	KG20B T105/01 FT2 KG32B T105/01 FT2	01454 5 01455 2	KG20B T205/01 FT2 KG32B T205/01 FT2	01457 6 01458 3
						
IP 66 48 x 48	25 A 32 A	7,5 kW / 180 A 11 kW / 220 A	KG20A T105/04 FT2 KG32A T105/04 FT2	01460 6 01461 3	KG20A T205/04 FT2 KG32A T205/04 FT2	01463 7 01464 4
						
64 x 64	25 A 32 A	7,5 kW / 180 A 11 kW / 220 A	KG20B T105/04 FT2 KG32B T105/04 FT2	01601 3 01603 7	KG20B T205/04 FT2 KG32B T205/04 FT2	01602 0 01604 4

Main Switches and Main Switches with Emergency Function
3 pole + Ground and Neutral Terminal, for Base Mounting
with Door Clutch, Padlock Device and Single Hole Mounting 22 mm

Version Protection Escutcheon plate in mm	Thermal Current I_U/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 48 x 48 	25 A 32 A 40 A 63 A	7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A	KG20A T105/68 VE KG32A T105/68 VE KG41 T105/68 VE KG64 T105/68 VE	01524 5 01525 2 01526 9 01527 6	KG20A T205/68 VE KG32A T205/68 VE KG41 T205/68 VE KG64 T205/68 VE	01529 0 01530 6 01531 3 01532 0
64 x 64	25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG20B T105/68 VE KG32B T105/68 VE KG41B T105/68 VE KG64B T105/68 VE KG80 T105/68 VE KG100 T105/68 VE	01607 5 01609 9 01611 2 01613 6 01615 0 01617 4	KG20B T205/68 VE KG32B T205/68 VE KG41B T205/68 VE KG64B T205/68 VE KG80 T205/68 VE KG100 T205/68 VE	01608 2 01610 5 01612 9 01614 3 01616 7 01618 1
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG20B T105/93 VE KG32B T105/93 VE KG41B T105/93 VE KG64B T105/93 VE KG80 T105/93 VE KG100 T105/93 VE	06403 8 06404 5 06405 2 06406 9 06407 6 06408 3	KG20B T205/93 VE KG32B T205/93 VE KG41B T205/93 VE KG64B T205/93 VE KG80 T205/93 VE KG100 T205/93 VE	06409 0 06410 6 06411 3 06412 0 06413 7 06414 4
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG20B T105/94 VE KG32B T105/94 VE KG41B T105/94 VE KG64B T105/94 VE KG80 T105/94 VE KG100 T105/94 VE	06415 1 06416 8 06417 5 06418 2 06419 9 06420 5	KG20B T205/94 VE KG32B T205/94 VE KG41B T205/94 VE KG64B T205/94 VE KG80 T205/94 VE KG100 T205/94 VE	06421 2 06422 9 06423 6 06424 3 06425 0 06426 7

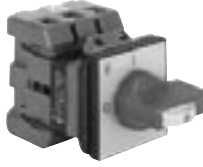
Main Switches and Main Switches with Emergency Function

3 pole + Ground and Neutral Terminal, for Base Mounting with Door Clutch

Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black		EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN- Code 9004257
IP 66/67 64 x 64  88 x 88	25 A	7,5 kW / 180 A	KG20B	T105/09 VE	01466 8	KG20B	T205/09 VE	01475 0
	32 A	11 kW / 220 A	KG32B	T105/09 VE	01467 5	KG32B	T205/09 VE	01476 7
	40 A	15 kW / 300 A	KG41B	T105/09 VE	01468 2	KG41B	T205/09 VE	01477 4
	63 A	22 kW / 350 A	KG64B	T105/09 VE	01469 9	KG64B	T205/09 VE	01478 1
	80 A	30 kW / 560 A	KG80	T105/09 VE	01470 5	KG80	T205/09 VE	01479 8
	100 A	37 kW / 650 A	KG100	T105/09 VE	01471 2	KG100	T205/09 VE	01480 4
	125 A	45 kW / 750 A	KG125	T105/09 VE	01472 9	KG125	T205/09 VE	01481 1
	160 A	55 kW / 850 A	KG160	T105/09 VE	01473 6	KG160	T205/09 VE	01482 8
IP 65 48 x 48  IP 66/67 64 x 64	25 A	7,5 kW / 180 A	KG20A	T105/65 VE	01485 9	KG20A	T205/65 VE	01497 2
	32 A	11 kW / 220 A	KG32A	T105/65 VE	01487 3	KG32A	T205/65 VE	01499 6
	25 A	7,5 kW / 180 A	KG20B	T105/65 VE	01486 6	KG20B	T205/65 VE	01498 9
	32 A	11 kW / 220 A	KG32B	T105/65 VE	01488 0	KG32B	T205/65 VE	01500 9
	40 A	15 kW / 300 A	KG41B	T105/65 VE	01410 3	KG41B	T205/65 VE	01502 3
	63 A	22 kW / 350 A	KG64B	T105/65 VE	01492 7	KG64B	T205/65 VE	01504 7
	80 A	30 kW / 560 A	KG80	T105/65 VE	01493 4	KG80	T205/65 VE	01505 4
	100 A	37 kW / 650 A	KG100	T105/65 VE	01494 1	KG100	T205/65 VE	01506 1
IP 66 88 x 88  With integrated door clutch. The handle is restricted if the door is opened. In the I-position the door can be opened with a special key. Possible misalignment of the shaft can be compensated for by the door clutch. To open the door in the I-position an unlock insert S1D M700 29 is available on request.	25 A	7,5 kW / 180 A	KG20B	T105/12 VE	01619 8	KG20B	T205/12 VE	01620 4
	32 A	11 kW / 220 A	KG32B	T105/12 VE	01621 1	KG32B	T205/12 VE	01622 8
	40 A	15 kW / 300 A	KG41B	T105/12 VE	01507 8	KG41B	T205/12 VE	01515 3
	63 A	22 kW / 350 A	KG64B	T105/12 VE	01508 5	KG64B	T205/12 VE	01516 0
	80 A	30 kW / 560 A	KG80	T105/12 VE	01509 2	KG80	T205/12 VE	01517 7
	100 A	37 kW / 650 A	KG100	T105/12 VE	01510 8	KG100	T205/12 VE	01518 4
	125 A	45 kW / 750 A	KG125	T105/12 VE	01511 5	KG125	T205/12 VE	01519 1
	160 A	55 kW / 850 A	KG160	T105/12 VE	01512 2	KG160	T205/12 VE	01520 7
	200 A	75 kW / 1100 A	KG210	T105/13 VE	07526 3	KG210	T205/13 VE	07527 0
	250 A	90 kW / 1380 A	KG250	T105/13 VE	01513 9	KG250	T205/13 VE	01521 4
	315 A	110 kW / 1650 A	KG315	T105/13 VE	01514 6	KG315	T205/13 VE	01522 1

Main Switches and Main Switches with Emergency Function 3 pole + 1 cam- or rack-operated auxiliary contact (NO), for Four Hole Panel Mounting

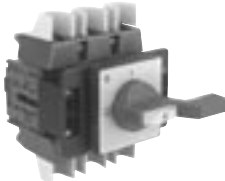
Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches		EAN-Code 9004257	Main Switches with Emergency Function		EAN-Code 9004257
Protection Escutcheon plate in mm			Handle black			Handle red Contrasting yellow plate		
IP 66 64 x 64 	20 A	5,5 kW / 120 A	KG10B	T103/17 E	01045 5	KG10B	T203/17 E	01050 9
	25 A	7,5 kW / 180 A	KG20B	T103/17 E	00361 7	KG20B	T203/17 E	00401 0
	32 A	11 kW / 220 A	KG32B	T103/17 E	00362 4	KG32B	T203/17 E	00402 7
	40 A	15 kW / 300 A	KG41B	T103/17 E	00363 1	KG41B	T203/17 E	00403 4
	63 A	22 kW / 350 A	KG64B	T103/17 E	00364 8	KG64B	T203/17 E	00404 1
	80 A	30 kW / 560 A	KG80	T103/17 E	00365 5	KG80	T203/17 E	00405 8
	100 A	37 kW / 650 A	KG100	T103/17 E	00366 2	KG100	T203/17 E	00406 5
88 x 88	80 A	30 kW / 560 A	KG80C	T103/17 E	01387 6	KG80C	T203/17 E	01393 7
	100 A	37 kW / 650 A	KG100C	T103/17 E	01388 3	KG100C	T203/17 E	01394 4
	125 A	45 kW / 750 A	KG125	T103/17 E	00368 6	KG125	T203/17 E	00408 9
	160 A	55 kW / 850 A	KG160	T103/17 E	00369 3	KG160	T203/17 E	00409 6
IP 66 ¹ 48 x 48	20 A	5,5 kW / 120 A	KG10A	T103/20 E	01202 2	KG10A	T203/20 E	01214 5
	25 A	7,5 kW / 180 A	KG20A	T103/20 E	01204 6	KG20A	T203/20 E	01216 9
	32 A	11 kW / 220 A	KG32A	T103/20 E	01206 0	KG32A	T203/20 E	01218 3
64 x 64 	20 A	5,5 kW / 120 A	KG10B	T103/20 E	01203 9	KG10B	T203/20 E	01215 2
	25 A	7,5 kW / 180 A	KG20B	T103/20 E	01205 3	KG20B	T203/20 E	01217 6
	32 A	11 kW / 220 A	KG32B	T103/20 E	01207 7	KG32B	T203/20 E	01219 0
	40 A	15 kW / 300 A	KG41B	T103/20 E	01209 1	KG41B	T203/20 E	01221 3
	63 A	22 kW / 350 A	KG64B	T103/20 E	01211 4	KG64B	T203/20 E	01223 7
	80 A	30 kW / 560 A	KG80	T103/20 E	01212 1	KG80	T203/20 E	01224 4
	100 A	37 kW / 650 A	KG100	T103/20 E	01213 8	KG100	T203/20 E	01225 1
88 x 88	80 A	30 kW / 560 A	KG80C	T103/20 E	00379 2	KG80C	T203/20 E	00419 5
	100 A	37 kW / 650 A	KG100C	T103/20 E	00380 8	KG100C	T203/20 E	00420 1
	125 A	45 kW / 750 A	KG125	T103/20 E	00382 2	KG125	T203/20 E	00422 5
	160 A	55 kW / 850 A	KG160	T103/20 E	00383 9	KG160	T203/20 E	00423 2
	200 A	75 kW / 1100 A	KG210	T103/21 E	07528 7	KG210	T203/21 E	07529 4
	250 A	90 kW / 1380 A	KG250	T103/21 E	00385 3	KG250	T203/21 E	00425 6
	315 A	110 kW / 1650 A	KG315	T103/21 E	00386 0	KG315	T203/21 E	00426 3
130 x 130	315 A	132 kW / 2000 A	C316	T103/21 E	00387 7	C316	T203/21 E	00427 0

¹C316 protection IP 40. Higher protection available on request.

Main Switches and Main Switches with Emergency Function 3 pole + 1 cam- or rack-operated auxiliary contact (NO), for Four Hole Panel Mounting

Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 88 x 88 	250 A 315 A	90 kW / 1380 A 110 kW / 1650 A	KG250 T103/70 E KG315 T103/70 E	01226 8 01227 5	KG250 T203/70 E KG315 T203/70 E	01228 2 01229 9

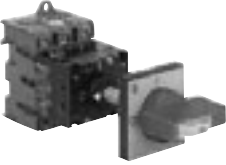
Main Switches and Main Switches with Emergency Function 3 pole + 1 cam-operated auxiliary contact (NO), for Single Hole Mounting 22 mm

Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 64 x 64 	20 A 25 A 32 A	5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A	KG10B T103/17 FT2 KG20B T103/17 FT2 KG32B T103/17 FT2	01302 9 00441 6 00442 3	KG10B T203/17 FT2 KG20B T203/17 FT2 KG32B T203/17 FT2	01303 6 00445 4 00446 1
IP 66 48 x 48 	20 A 25 A 32 A	5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A	KG10A T103/20 FT2 KG20A T103/20 FT2 KG32A T103/20 FT2	01304 3 01306 7 01308 1	KG10A T203/20 FT2 KG20A T203/20 FT2 KG32A T203/20 FT2	01310 4 01312 8 01314 2
64 x 64	20 A 25 A 32 A	5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A	KG10B T103/20 FT2 KG20B T103/20 FT2 KG32B T103/20 FT2	01305 0 01307 4 01309 8	KG10B T203/20 FT2 KG20B T203/20 FT2 KG32B T203/20 FT2	01311 1 01313 5 01315 9

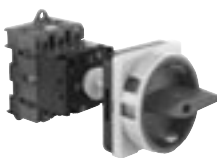
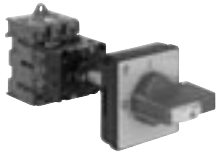
Main Switches and Main Switches with Emergency Function
3 pole + 1 cam-operated auxiliary contact (NO), for Base Mounting
with Door Clutch, Padlock Device and Single Hole Mounting 22 mm

Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN- Code 9004257
IP 66 48 x 48 	20 A 25 A 32 A 40 A 63 A	5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A	KG10A T103/72 VE KG20A T103/72 VE KG32A T103/72 VE KG41 T103/72 VE KG64 T103/72 VE	01342 5 01344 9 01346 3 01348 7 01350 0	KG10A T203/72 VE KG20A T203/72 VE KG32A T203/72 VE KG41 T203/72 VE KG64 T203/72 VE	01354 8 01356 2 01358 6 01360 9 01362 3
64 x 64	20 A 25 A 32 A 40 A 63 A 80 A 100 A	5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG10B T103/72 VE KG20B T103/72 VE KG32B T103/72 VE KG41B T103/72 VE KG64B T103/72 VE KG80 T103/72 VE KG100 T103/72 VE	01343 2 01345 6 01347 0 01349 4 01351 7 01352 4 01353 1	KG10B T203/72 VE KG20B T203/72 VE KG32B T203/72 VE KG41B T203/72 VE KG64B T203/72 VE KG80 T203/72 VE KG100 T203/72 VE	01355 5 01357 9 01359 3 01361 6 01363 0 01364 7 01365 4
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	20 A 25 A 32 A 40 A 63 A 80 A 100 A	5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG10B T103/95 VE KG20B T103/95 VE KG32B T103/95 VE KG41B T103/95 VE KG64B T103/95 VE KG80 T103/95 VE KG100 T103/95 VE	06427 4 06428 1 06429 8 06430 4 06431 1 06432 8 06433 5	KG10B T203/95 VE KG20B T203/95 VE KG32B T203/95 VE KG41B T203/95 VE KG64B T203/95 VE KG80 T203/95 VE KG100 T203/95 VE	06434 2 06435 9 06436 6 06437 3 06438 0 06439 7 06440 3
IP 66 64 x 64  Misalignment between the shaft and operator is compensated for by a centering device.	20 A 25 A 32 A 40 A 63 A 80 A 100 A	5,5 kW / 120 A 7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG10B T103/96 VE KG20B T103/96 VE KG32B T103/96 VE KG41B T103/96 VE KG64B T103/96 VE KG80 T103/96 VE KG100 T103/96 VE	06441 0 06442 7 06443 4 06444 1 06445 8 06446 5 06447 2	KG10B T203/96 VE KG20B T203/96 VE KG32B T203/96 VE KG41B T203/96 VE KG64B T203/96 VE KG80 T203/96 VE KG100 T203/96 VE	06448 9 06449 6 06450 2 06451 9 06452 6 06453 3 06454 0

Main Switches and Main Switches with Emergency Function 3 pole + 1 cam- or rack-operated auxiliary contact (NO), for Base Mounting with Door Clutch

Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black		EAN- Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN- Code 9004257
IP 66/67 64 x 64 	20 A	5,5 kW / 120 A	KG10B	T103/25 VE	01316 6	KG10B	T203/25 VE	01317 3
	25 A	7,5 kW / 180 A	KG20B	T103/25 VE	00449 2	KG20B	T203/25 VE	00463 8
	32 A	11 kW / 220 A	KG32B	T103/25 VE	00450 8	KG32B	T203/25 VE	00464 5
	40 A	15 kW / 300 A	KG41B	T103/25 VE	00451 5	KG41B	T203/25 VE	00465 2
	63 A	22 kW / 350 A	KG64B	T103/25 VE	00452 2	KG64B	T203/25 VE	00466 9
	80 A	30 kW / 560 A	KG80	T103/25 VE	00453 9	KG80	T203/25 VE	00467 6
	100 A	37 kW / 650 A	KG100	T103/25 VE	00454 6	KG100	T203/25 VE	00468 3
	88 x 88							
	125 A	45 kW / 750 A	KG125	T103/25 VE	00456 0	KG125	T203/25 VE	00470 6
	160 A	55 kW / 850 A	KG160	T103/25 VE	00457 7	KG160	T203/25 VE	00471 3
IP 65 48 x 48 	20 A	5,5 kW / 120 A	KG10A	T103/69 VE	01318 0	KG10A	T203/69 VE	01330 2
	25 A	7,5 kW / 180 A	KG20A	T103/69 VE	01320 3	KG20A	T203/69 VE	01332 6
	32 A	11 kW / 220 A	KG32A	T103/69 VE	01322 7	KG32A	T203/69 VE	01334 0
	IP 66/67 64 x 64							
	20 A	5,5 kW / 120 A	KG10B	T103/69 VE	01319 7	KG10B	T203/69 VE	01331 9
	25 A	7,5 kW / 180 A	KG20B	T103/69 VE	01321 0	KG20B	T203/69 VE	01333 3
	32 A	11 kW / 220 A	KG32B	T103/69 VE	01323 4	KG32B	T203/69 VE	01335 7
	40 A	15 kW / 300 A	KG41B	T103/69 VE	01325 8	KG41B	T203/69 VE	01337 1
	63 A	22 kW / 350 A	KG64B	T103/69 VE	01327 2	KG64B	T203/69 VE	01339 5
	80 A	30 kW / 560 A	KG80	T103/69 VE	01328 9	KG80	T203/69 VE	01340 1
IP 66 88 x 88  With integrated door clutch. The handle is restricted if the door is opened. In the I-position the door can be opened with a special key. Possible misalignment of the shaft can be compensated for by the door clutch. To open the door in the I-position an unlock insert S1D M700 29 is available on request.	100 A	37 kW / 650 A	KG100	T103/69 VE	01329 6	KG100	T203/69 VE	01341 8
	25 A	7,5 kW / 180 A	KG20B	T103/28 VE	01625 9	KG20B	T203/28 VE	00513 0
	32 A	11 kW / 220 A	KG32B	T103/28 VE	00484 3	KG32B	T203/28 VE	00514 7
	40 A	15 kW / 300 A	KG41B	T103/28 VE	00485 0	KG41B	T203/28 VE	00515 4
	63 A	22 kW / 350 A	KG64B	T103/28 VE	00486 7	KG64B	T203/28 VE	00516 1
	80 A	30 kW / 560 A	KG80	T103/28 VE	00487 4	KG80	T203/28 VE	00517 8
	100 A	37 kW / 650 A	KG100	T103/28 VE	00488 1	KG100	T203/28 VE	00518 5
	125 A	45 kW / 750 A	KG125	T103/28 VE	00490 4	KG125	T203/28 VE	00520 8
	160 A	55 kW / 850 A	KG160	T103/28 VE	00491 1	KG160	T203/28 VE	00521 5
	200 A	75 kW / 1100 A	KG210	T103/29 VE	07530 0	KG210	T203/29 VE	07531 7
	250 A	90 kW / 1380 A	KG250	T103/29 VE	00493 5	KG250	T203/29 VE	00523 9
	315 A	110 kW / 1650 A	KG315	T103/29 VE	00494 2	KG315	T203/29 VE	00524 6
	315 A	132 kW / 2000 A	C316	T103/29 VE	00495 9	C316	T203/29 VE	00525 3

Maintenance and Safety Switches

3 pole, in Plastic Enclosure (conduit entries for metric threads)

Version		Thermal Current	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches		EAN-Code	Main Switches with Emergency Function		EAN-Code
Protection IP 66/67	Padlock Device	I_{the}		Handle electro-gray			Handle red Contrasting yellow plate		
				Handle black	 	9004257			9004257
		20 A 25 A	5,5 kW / 120 A 7,5 kW / 180 A	KG10 KG20	T103/33 KS51V T103/33 KS51V	06743 5 06744 2	KG10 KG20	T203/33 KS51V T203/33 KS51V	06773 2 06774 9
		20 A 25 A	5,5 kW / 120 A 7,5 kW / 180 A	KG10 KG20	T103/75 KS51 T103/75 KS51	06745 9 06746 6	KG10 KG20	T203/75 KS51 T203/75 KS51	06775 6 06776 3
		25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG20 KG32 KG41 KG64 KG80 KG100	T103/33 KL51V T103/33 KL51V ² T103/33 KL11V T103/33 KL11V T103/33 KL71V T103/33 KL71V	06747 3 06748 0 06749 7 06750 3 07454 9 07456 3	KG20 KG32 KG41 KG64 KG80 KG100	T203/33 KL51V T203/33 KL51V ² T203/33 KL11V T203/33 KL11V T203/33 KL71V T203/33 KL71V	06777 0 06778 7 06779 4 06780 0 07455 6 07457 0
		25 A 32 A 40 A 63 A 80 A 100 A	7,5 kW / 180 A 11 kW / 220 A 15 kW / 300 A 22 kW / 350 A 30 kW / 560 A 37 kW / 650 A	KG20 KG32 KG41 KG64 KG80 KG100	T103/75 KL51 T103/75 KL51 ² T103/75 KL11 T103/75 KL11 T103/75 KL71 T103/75 KL71	06753 4 06754 1 06755 8 06756 5 07279 8 07280 4	KG20 KG32 KG41 KG64 KG80 KG100	T203/75 KL51 T203/75 KL51 ² T203/75 KL11 T203/75 KL11 T203/75 KL71 T203/75 KL71	06783 1 06784 8 06785 5 06786 2 07281 1 07282 8
		125 A 160 A	45 kW / 750 A 55 kW / 850 A	KG125 KG160	T103/34 STM ¹ T103/34 STM ¹	06759 6 06760 2	KG125 KG160	T203/34 STM ¹ T203/34 STM ¹	06789 3 06790 9
		125 A 160 A 250 A 315 A 315 A	45 kW / 750 A 55 kW / 850 A 90 kW / 1380 A 110 kW / 1650 A 132 kW / 2000 A	KG125 KG160 KG250 KG315 C316	T103/76 STM ¹ T103/76 STM ¹ T103/36 STM T103/36 STM ³ T103/37 STM ³	06761 9 06762 6 06763 3 06764 0 06765 7	KG125 KG160 KG250 KG315 C316	T203/76 STM ¹ T203/76 STM ¹ T203/36 STM T203/36 STM ³ T203/37 STM ³	06791 6 06792 3 06793 0 06794 7 06795 4
				Oversized Wiring Space			Oversized Wiring Space		
		125 A 160 A	45 kW / 750 A 55 kW / 850 A	KG125 KG160	T103/38 STM T103/38 STM	06766 4 06767 1	KG125 KG160	T203/38 STM T203/38 STM	06796 1 06797 8
		125 A 160 A 250 A 315 A 315 A	45 kW / 750 A 55 kW / 850 A 90 kW / 1380 A 110 kW / 1650 A 132 kW / 2000 A	KG125 KG160 KG250 KG315 C316	T103/36 STM T103/36 STM T103/39 STM ³ T103/39 STM ³ T103/39 STM ³	06768 8 06769 5 06770 1 06771 8 06772 5	KG125 KG160 KG250 KG315 C316	T203/36 STM T203/36 STM T203/39 STM ³ T203/39 STM ³ T203/39 STM ³	06798 5 06799 2 06800 5 06801 2 06802 9

¹Protection IP 65. ²For conduit entries M25 in place of M20 the ordering data changes from KL51V to KL11V and from KL51 to KL11. ³Switches with cable glands. To meet the conditions of EMC (Electro Magnetic Compatibility) for connection of frequency regulated motors, maintenance switches are available with shield clips. These clips are used to continue the cable shield circuit through the enclosure.

Maintenance and Safety Switches

**3 pole + 2 cam- or rack-operated auxiliary contacts (1 NO, 1 NC),
in Plastic Enclosure** (conduit entries for metric threads)

Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version		Thermal Current	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches		EAN-Code	Main Switches with Emergency Function		EAN-Code
Protection IP 66/67	Padlock Device	I_{the}		Handle electro-gray		9004257	Handle red	Contrasting yellow plate	9004257
				Handle black					
		20 A	5,5 kW / 120 A	KG10	T103/40 KS51V	06803 6	KG10	T203/40 KS51V	06804 3
		20 A	5,5 kW / 120 A	KG10	T103/78 KS51	06805 0	KG10	T203/78 KS51	06806 7
		25 A	7,5 kW / 180 A	KG20	T103/40 KL51V	06807 4	KG20	T203/40 KL51V	06808 1
		32 A	11 kW / 220 A	KG32	T103/40 KL51V ²	06809 8	KG32	T203/40 KL51V ²	06810 4
		40 A	15 kW / 300 A	KG41	T103/40 KL11V	06811 1	KG41	T203/40 KL11V	06812 8
		63 A	22 kW / 350 A	KG64	T103/40 KL11V	06813 5	KG64	T203/40 KL11V	06814 2
		80 A	30 kW / 560 A	KG80	T103/40 KL71V	07458 7	KG80	T203/40 KL71V	07459 4
		100 A	37 kW / 650 A	KG100	T103/40 KL71V	07460 0	KG100	T203/40 KL71V	07461 7
		25 A	7,5 kW / 180 A	KG20	T103/78 KL51	06819 7	KG20	T203/78 KL51	06820 3
		32 A	11 kW / 220 A	KG32	T103/78 KL51 ²	06821 0	KG32	T203/78 KL51 ²	06822 7
		40 A	15 kW / 300 A	KG41	T103/78 KL11	06823 4	KG41	T203/78 KL11	06824 1
		63 A	22 kW / 350 A	KG64	T103/78 KL11	06825 8	KG64	T203/78 KL11	06826 5
		80 A	30 kW / 560 A	KG80	T103/78 KL71	06827 2	KG80	T203/78 KL71	06828 9
		100 A	37 kW / 650 A	KG100	T103/78 KL71	06829 6	KG100	T203/78 KL71	06830 2
		125 A	45 kW / 750 A	KG125	T103/41 STM ¹	06831 9	KG125	T203/41 STM ¹	06832 6
		160 A	55 kW / 850 A	KG160	T103/41 STM ¹	06833 3	KG160	T203/41 STM ¹	06834 0
		125 A	45 kW / 750 A	KG125	T103/79 STM ¹	06835 7	KG125	T203/79 STM ¹	06836 4
		160 A	55 kW / 850 A	KG160	T103/79 STM ¹	06837 1	KG160	T203/79 STM ¹	06838 8
		250 A	90 kW / 1380 A	KG250	T103/43 STM	06839 5	KG250	T203/43 STM	06840 1
		315 A	110 kW / 1650 A	KG315	T103/43 STM ³	06841 8	KG315	T203/43 STM ³	06842 5
		315 A	132 kW / 2000 A	C316	T103/44 STM ³	06843 2	C316	T203/44 STM ³	06844 9
				Oversized Wiring Space			Oversized Wiring Space		
		125 A	45 kW / 750 A	KG125	T103/45 STM	06845 6	KG125	T203/45 STM	06846 3
		160 A	55 kW / 850 A	KG160	T103/45 STM	06847 0	KG160	T203/45 STM	06848 7
		125 A	45 kW / 750 A	KG125	T103/43 STM	06849 4	KG125	T203/43 STM	06850 0
		160 A	55 kW / 850 A	KG160	T103/43 STM	06851 7	KG160	T203/43 STM	06852 4
		250 A	90 kW / 1380 A	KG250	T103/46 STM ³	06853 1	KG250	T203/46 STM ³	06854 8
		315 A	110 kW / 1650 A	KG315	T103/46 STM ³	06855 5	KG315	T203/46 STM ³	06856 2
		315 A	132 kW / 2000 A	C316	T103/46 STM ³	06857 9	C316	T203/46 STM ³	06858 6

¹Protection IP 65. ²For conduit entries M25 in place of M20 the ordering data changes from KL51V to KL11V and from KL51 to KL11. ³Switches with cable glands.
To meet the conditions of EMC (Electro Magnetic Compatibility) for connection of frequency regulated motors, maintenance switches are available with shield clips. These clips are used to continue the cable shield circuit through the enclosure.

Maintenance and Safety Switches

4 pole, in Plastic Enclosure (conduit entries for metric threads)

Version		Thermal Current	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches		EAN-Code	Main Switches with Emergency Function		EAN-Code
Protection IP 66/67	Padlock Device	I _{the}		Handle electro-gray			Handle red		
				Handle black	 	9004257	Contrasting yellow plate		9004257
		20 A 16 A	5,5 kW / 120 A 7,5 kW / 160 A	KG10 KH16	T104/33 KS51V T104/33 KS51V	06859 3 08805 8	KG10 KH16	T204/33 KS51V T204/33 KS51V	06860 9 08807 2
		20 A 16 A	5,5 kW / 120 A 7,5 kW / 160 A	KG10 KH16	T104/75 KS51 T104/75 KS51	06863 0 08806 5	KG10 KH16	T204/75 KS51 T204/75 KS51	06864 7 08808 9
		20 A	10 kW / 200 A	KH20	T104/33 KL11V	08809 6	KH20	T204/33 KL11V	08810 2
		25 A	12 kW / 250 A	KH25	T104/33 KL11V	08811 9	KH25	T204/33 KL11V	08812 6
		32 A	16 kW / 300 A	KH32	T104/33 KL11V	08813 3	KH32	T204/33 KL11V	08837 9
		40 A	20 kW / 380 A	KH40	T104/33 KL11V	08814 0	KH40	T204/33 KL11V	08838 6
		63 A	30 kW / 500 A	KH63	T104/33 KL71V	08815 7	KH63	T204/33 KL71V	08839 3
		80 A	40 kW / 630 A	KH80	T104/33 KL71V	08816 4	KH80	T204/33 KL71V	08840 9
		100 A	37 kW / 650 A	KG100	T104/33 KL71V	07464 8	KG100	T204/33 KL71V	07465 5
		20 A	10 kW / 200 A	KH20	T104/75 KL11	08817 1	KH20	T204/75 KL11	08841 6
		25 A	12 kW / 250 A	KH25	T104/75 KL11	08818 8	KH25	T204/75 KL11	08842 3
		32 A	16 kW / 300 A	KH32	T104/75 KL11	08819 5	KH32	T204/75 KL11	08843 0
		40 A	20 kW / 380 A	KH40	T104/75 KL11	08820 1	KH40	T204/75 KL11	08844 7
		63 A	30 kW / 500 A	KH63	T104/75 KL71	08861 4	KH63	T204/75 KL71	08845 4
		80 A	40 kW / 630 A	KH80	T104/75 KL71	08862 1	KH80	T204/75 KL71	08846 1
		100 A	37 kW / 650 A	KG100	T104/75 KL71	06889 0	KG100	T204/75 KL71	06890 6
		125 A 160 A	45 kW / 750 A 55 kW / 850 A	KG125 KG160	T104/35 STM T104/35 STM	06891 3 06893 7	KG125 KG160	T204/35 STM T204/35 STM	06892 0 06894 4
		125 A 160 A 250 A 315 A 315 A	45 kW / 750 A 55 kW / 850 A 90 kW / 1380 A 110 kW / 1650 A 132 kW / 2000 A	KG125 KG160 KG250 KG315 C316	T104/77 STM T104/77 STM T104/36 STM T104/36 STM ¹ T104/37 STM ¹	06895 1 06897 5 06899 9 06901 9 06903 3	KG125 KG160 KG250 KG315 C316	T204/77 STM T204/77 STM T204/36 STM T204/36 STM ¹ T204/37 STM ¹	06896 8 06898 2 06900 2 06902 6 06904 0
		Oversized Wiring Space					Oversized Wiring Space		
		125 A 160 A	45 kW / 750 A 55 kW / 850 A	KG125 KG160	T104/38 STM T104/38 STM	06905 7 06907 1	KG125 KG160	T204/38 STM T204/38 STM	06906 4 06908 8
		125 A 160 A 250 A 315 A 315 A	45 kW / 750 A 55 kW / 850 A 90 kW / 1380 A 110 kW / 1650 A 132 kW / 2000 A	KG125 KG160 KG250 KG315 C316	T104/36 STM T104/36 STM T104/47 STM ¹ T104/47 STM ¹ T104/39 STM ¹	06909 5 06911 8 06913 2 06915 6 06917 0	KG125 KG160 KG250 KG315 C316	T204/36 STM T204/36 STM T204/47 STM ¹ T204/47 STM ¹ T204/39 STM ¹	06910 1 06912 5 06914 9 06916 3 06918 7
		Oversized Wiring Space					Oversized Wiring Space		
		125 A 160 A	45 kW / 750 A 55 kW / 850 A	KG125 KG160	T104/38 STM T104/38 STM	06905 7 06907 1	KG125 KG160	T204/38 STM T204/38 STM	06906 4 06908 8
		125 A 160 A 250 A 315 A 315 A	45 kW / 750 A 55 kW / 850 A 90 kW / 1380 A 110 kW / 1650 A 132 kW / 2000 A	KG125 KG160 KG250 KG315 C316	T104/36 STM T104/36 STM T104/47 STM ¹ T104/47 STM ¹ T104/39 STM ¹	06909 5 06911 8 06913 2 06915 6 06917 0	KG125 KG160 KG250 KG315 C316	T204/36 STM T204/36 STM T204/47 STM ¹ T204/47 STM ¹ T204/39 STM ¹	06910 1 06912 5 06914 9 06916 3 06918 7

¹Switches with cable glands.

To meet the conditions of EMC (Electro Magnetic Compatibility) for connection of frequency regulated motors, maintenance switches are available with shield clips. These clips are used to continue the cable shield circuit through the enclosure.

Maintenance and Safety Switches

**4 pole + 2 cam- or rack-operated auxiliary contacts (1 NO, 1 NC),
in Plastic Enclosure** (conduit entries for metric threads)

Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version		Thermal Current	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches		EAN-Code	Main Switches with Emergency Function		EAN-Code
Protection IP 66/67	Padlock Device	I_{the}		Handle electro-gray			Handle red		
				Handle black	 	9004257	Contrasting yellow plate		9004257
		20 A	5,5 kW / 120 A	KG10	T104/40 KS51V	06919 4	KG10	T204/40 KS51V	06920 0
		16 A	7,5 kW / 160 A	KH16	T104/40 KS51V	08823 2	KH16	T204/40 KS51V	08847 8
		20 A	5,5 kW / 120 A	KG10	T104/78 KS51	06921 7	KG10	T204/78 KS51	06922 4
		16 A	7,5 kW / 160 A	KH16	T104/78 KS51	08824 9	KH16	T204/78 KS51	08848 5
		20 A	10 kW / 200 A	KH20	T104/40 KL11V	08825 6	KH20	T204/40 KL11V	08849 2
		25 A	12 kW / 250 A	KH25	T104/40 KL11V	08826 3	KH25	T204/40 KL11V	08850 8
		32 A	16 kW / 300 A	KH32	T104/40 KL11V	08827 0	KH32	T204/40 KL11V	08851 5
		40 A	20 kW / 380 A	KH40	T104/40 KL11V	08828 7	KH40	T204/40 KL11V	08852 2
		63 A	30 kW / 500 A	KH63	T104/40 KL71V	08829 4	KH63	T204/40 KL71V	08853 9
		80 A	40 kW / 630 A	KH80	T104/40 KL71V	08830 0	KH80	T204/40 KL71V	08854 6
		100 A	37 kW / 650 A	KG100	T104/40 KL71V	07468 6	KG100	T204/40 KL71V	07469 3
		20 A	10 kW / 200 A	KH20	T104/78 KL11	08831 7	KH20	T204/78 KL11	08855 3
		25 A	12 kW / 250 A	KH25	T104/78 KL11	08832 4	KH25	T204/78 KL11	08856 0
		32 A	16 kW / 300 A	KH32	T104/78 KL11	08833 1	KH32	T204/78 KL11	08857 7
		40 A	20 kW / 380 A	KH40	T104/78 KL11	08834 8	KH40	T204/78 KL11	08858 4
		63 A	30 kW / 500 A	KH63	T104/78 KL71	08835 5	KH63	T204/78 KL71	08859 1
		80 A	40 kW / 630 A	KH80	T104/78 KL71	08836 2	KH80	T204/78 KL71	08860 7
		125 A	45 kW / 750 A	KG125	T104/42 STM	06947 7	KG125	T204/42 STM	06948 4
		160 A	55 kW / 850 A	KG160	T104/42 STM	06949 1	KG160	T204/42 STM	06950 7
		125 A	45 kW / 750 A	KG125	T104/80 STM	06951 4	KG125	T204/80 STM	06952 1
		160 A	55 kW / 850 A	KG160	T104/80 STM	06953 8	KG160	T204/80 STM	06954 5
		250 A	90 kW / 1380 A	KG250	T104/43 STM	06955 2	KG250	T204/43 STM	06956 9
		315 A	110 kW / 1650 A	KG315	T104/43 STM ¹	06957 6	KG315	T204/43 STM ¹	06958 3
		315 A	132 kW / 2000 A	C316	T104/44 STM ¹	06959 0	C316	T204/44 STM ¹	06960 6
				Oversized Wiring Space			Oversized Wiring Space		
		125 A	45 kW / 750 A	KG125	T104/45 STM	06961 3	KG125	T204/45 STM	06962 0
		160 A	55 kW / 850 A	KG160	T104/45 STM	06963 7	KG160	T204/45 STM	06964 4
		125 A	45 kW / 750 A	KG125	T104/43 STM	06965 1	KG125	T204/43 STM	06966 8
		160 A	55 kW / 850 A	KG160	T104/43 STM	06967 5	KG160	T204/43 STM	06968 2
		250 A	90 kW / 1380 A	KG250	T104/48 STM ¹	06969 9	KG250	T204/48 STM ¹	06970 5
		315 A	110 kW / 1650 A	KG315	T104/48 STM ¹	06971 2	KG315	T204/48 STM ¹	06972 9
		315 A	132 kW / 2000 A	C316	T104/46 STM ¹	06973 6	C316	T204/46 STM ¹	06974 3

¹Switches with cable glands.

To meet the conditions of EMC (Electro Magnetic Compatibility) for connection of frequency regulated motors, maintenance switches are available with shield clips. These clips are used to continue the cable shield circuit through the enclosure.

Maintenance and Safety Switches

6 pole, in Plastic Enclosure (conduit entries for metric threads)

Version		Thermal Current	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle electro-gray  Handle black  		EAN-Code	Main Switches with Emergency Function	EAN-Code
Protection IP 66/67	Padlock Device	I _{the}				9004257	Handle red Contrasting yellow plate	9004257
		20 A	5,5 kW / 120 A	KG10	T106/33 KS51V	06975 0	KG10 T206/33 KS51V	06976 7
		20 A	5,5 kW / 120 A	KG10	T106/75 KS51	06977 4	KG10 T206/75 KS51	06978 1
		25 A	7,5 kW / 180 A	KG20B	T106/33 KL11V	06979 8	KG20B T206/33 KL11V	06980 4
		32 A	11 kW / 220 A	KG32B	T106/33 KL11V	06981 1	KG32B T206/33 KL11V	06982 8
		40 A	15 kW / 300 A	KG41B	T106/33 KL71V	07470 9	KG41B T206/33 KL71V	07471 6
		63 A	22 kW / 350 A	KG64B	T106/33 KL71V	07472 3	KG64B T206/33 KL71V	07473 0
		25 A	7,5 kW / 180 A	KG20B	T106/75 KL11	06987 3	KG20B T206/75 KL11	06988 0
		32 A	11 kW / 220 A	KG32B	T106/75 KL11	06989 7	KG32B T206/75 KL11	06990 3
		40 A	15 kW / 300 A	KG41B	T106/75 KL71	06991 0	KG41B T206/75 KL71	06992 7
		63 A	22 kW / 350 A	KG64B	T106/75 KL71	06993 4	KG64B T206/75 KL71	06994 1
		80 A	30 kW / 560 A	KG80C	T106/34 STM ¹	06995 8	KG80C T206/34 STM ¹	06996 5
		100 A	37 kW / 650 A	KG100C	T106/34 STM ¹	06997 2	KG100C T206/34 STM ¹	06998 9
		125 A	45 kW / 750 A	KG125	T106/84 STM ¹	06999 6	KG125 T206/84 STM ¹	07000 8
		160 A	55 kW / 850 A	KG160	T106/84 STM ¹	07001 5	KG160 T206/84 STM ¹	07002 2
		80 A	30 kW / 560 A	KG80C	T106/76 STM ¹	07003 9	KG80C T206/76 STM ¹	07004 6
		100 A	37 kW / 650 A	KG100C	T106/76 STM ¹	07005 3	KG100C T206/76 STM ¹	07006 0
		125 A	45 kW / 750 A	KG125	T106/85 STM ¹	07007 7	KG125 T206/85 STM ¹	07008 4
		160 A	55 kW / 850 A	KG160	T106/85 STM ¹	07009 1	KG160 T206/85 STM ¹	07010 7
		275 A	132 kW/2000 A	KG160	T106/85 STM ¹	07009 1	KG160 T206/85 STM ¹	07010 7
				C316	T106/39 STM ²	07011 4	C316 T206/39 STM ²	07012 1
	Oversized Wiring Space					Oversized Wiring Space		
		125 A	45 kW / 750 A	KG125	T106/86 STM ¹	07013 8	KG125 T206/86 STM ¹	07014 5
		160 A	55 kW / 850 A	KG160	T106/86 STM ¹	07015 2	KG160 T206/86 STM ¹	07016 9
		125 A	45 kW / 750 A	KG125	T106/87 STM ¹	07017 6	KG125 T206/87 STM ¹	07018 3
		160 A	55 kW / 850 A	KG160	T106/87 STM ¹	07019 0	KG160 T206/87 STM ¹	07020 6
		275 A	132 kW/2000 A	C316	T106/47 STM ²	07021 3	C316 T206/47 STM ²	07022 0

¹Protection IP 65. ²Switches with cable glands.

To meet the conditions of EMC (Electro Magnetic Compatibility) for connection of frequency regulated motors, maintenance switches are available with shield clips. These clips are used to continue the cable shield circuit through the enclosure.

Maintenance and Safety Switches

**6 pole + 2 cam-operated auxiliary contacts (1 NO, 1 NC),
in Plastic Enclosure (conduit entries for metric threads)**

Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

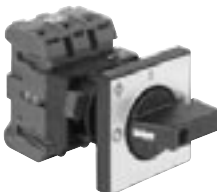
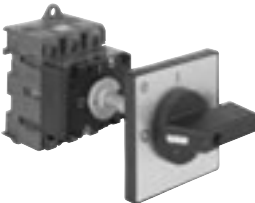
Version		Thermal Current	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches		EAN-Code	Main Switches with Emergency Function		EAN-Code
Protection IP 66/67	Padlock Device	I_{the}		Handle electro-gray		9004257	Handle red Contrasting yellow plate		9004257
		20 A	5,5 kW / 120 A	KG10	T106/40 KS51V	07023 7	KG10	T206/40 KS51V	07024 4
		25 A	7,5 kW / 180 A	KG20B	T106/40 KL11V	07025 1	KG20B	T206/40 KL11V	07026 8
		32 A	11 kW / 220 A	KG32B	T106/40 KL11V	07027 5	KG32B	T206/40 KL11V	07028 2
		40 A	15 kW / 300 A	KG41B	T106/40 KL71V	07474 7	KG41B	T206/40 KL71V	07475 4
		63 A	22 kW / 350 A	KG64B	T106/40 KL71V	07476 1	KG64B	T206/40 KL71V	07477 8
		25 A	7,5 kW / 180 A	KG20B	T106/78 KL11	07033 6	KG20B	T206/78 KL11	07034 3
		32 A	11 kW / 220 A	KG32B	T106/78 KL11	07035 0	KG32B	T206/78 KL11	07036 7
		40 A	15 kW / 300 A	KG41B	T106/78 KL71	07037 4	KG41B	T206/78 KL71	07038 1
		63 A	22 kW / 350 A	KG64B	T106/78 KL71	07039 8	KG64B	T206/78 KL71	07040 4
		80 A	30 kW / 560 A	KG80C	T106/41 STM ¹	07041 1	KG80C	T206/41 STM ¹	07042 8
		100 A	37 kW / 650 A	KG100C	T106/41 STM ¹	07043 5	KG100C	T206/41 STM ¹	07044 2
		125 A	45 kW / 750 A	KG125	T106/88 STM ¹	07045 9	KG125	T206/88 STM ¹	07046 6
		160 A	55 kW / 850 A	KG160	T106/88 STM ¹	07047 3	KG160	T206/88 STM ¹	07048 0
		80 A	30 kW / 560 A	KG80C	T106/79 STM ¹	07049 7	KG80C	T206/79 STM ¹	07050 3
		100 A	37 kW / 650 A	KG100C	T106/79 STM ¹	07051 0	KG100C	T206/79 STM ¹	07052 7
		125 A	45 kW / 750 A	KG125	T106/89 STM ¹	07053 4	KG125	T206/89 STM ¹	07054 1
		160 A	55 kW / 850 A	KG160	T106/89 STM ¹	07055 8	KG160	T206/89 STM ¹	07056 5
		275 A	132 kW/2000 A	C316	T106/46 STM ²	07057 2	C316	T206/46 STM ²	07058 9
		Oversized Wiring Space					Oversized Wiring Space		
		125 A	45 kW / 750 A	KG125	T106/90 STM ¹	07059 6	KG125	T206/90 STM ¹	07060 2
		160 A	55 kW / 850 A	KG160	T106/90 STM ¹	07061 9	KG160	T206/90 STM ¹	07062 6
		125 A	45 kW / 750 A	KG125	T106/91 STM ¹	07063 3	KG125	T206/91 STM ¹	07064 0
		160 A	55 kW / 850 A	KG160	T106/91 STM ¹	07065 7	KG160	T206/91 STM ¹	07066 4
		275 A	132 kW/2000 A	C316	T106/48 STM ²	07067 1	C316	T206/48 STM ²	07068 8

¹Protection IP 65. ²Switches with cable glands.

To meet the conditions of EMC (Electro Magnetic Compatibility) for connection of frequency regulated motors, maintenance switches are available with shield clips. These clips are used to continue the cable shield circuit through the enclosure.

Switch Disconnectors ○ — |

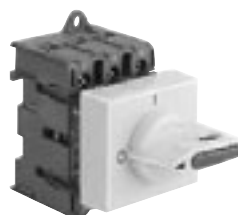
3 pole, Types of Mounting

Technical Data		KG20A KG32A KG10A KG20B KG32B KG41 KG64 KG80 KG100 KG10B KG21A ² KG33A ² KG41B KG64B KG80C KG100C KG125 KG160 KG210 KG250 KG315 C316												
Ratings														
3 x 380 V/440 V														
AC-23A, AC-23B	kW	5,5	7,5	11	15	22	30	37	45	55	75	90	110	132
AC-3	kW	3,7	5,5	7,5	11	18,5	22	30	37	45	55	55	75	55
Thermal Current I _u /I _{th}	A	20	25	32	40	63	80	100	125	160	200	250	315	315
Version Protection	Four Hole Panel Mounting	EAN- Code 9004257		Version Protection	Base Mounting		EAN- Code 9004257							
	KG10A T303 E KG10B T303 E KG20A T303 E KG20B T303 E KG32A T303 E KG32B T303 E KG41 T303 E KG41B T303 E KG64 T303 E KG64B T303 E KG80 T303 E KG80C T303 E KG100 T303 E KG100C T303 E KG125 T303 E KG160 T303 E KG210 T303 E KG250 T303 E KG315 T303 E C316 T303 E	01096 7			KG10A T303 VE KG10B T303 VE KG20A T303 VE KG20B T303 VE KG32A T303 VE KG32B T303 VE KG41 T303 VE KG41B T303 VE KG64 T303 VE KG64B T303 VE KG80 T303 VE KG80C T303 VE KG100 T303 VE KG100C T303 VE KG125 T303 VE KG160 T303 VE KG210 T303 VE KG250 T303 VE KG315 T303 VE C316 T303 VE		01098 1 01287 9 00820 9 00821 6 00822 3 00823 0 00824 7 00825 4 00826 1 00827 8 00828 5 00829 2 00830 8 00831 5 00833 9 00834 6 08371 8 00836 0 00837 7 00838 4							
			Single Hole Mounting 22 mm			and shaft extension								
			KG10A T303 FT2 KG20A T303 FT2 KG32A T303 FT2			02602 9 02603 6 02604 3		KG10A T303/57 VE KG10B T303/57 VE KG20A T303/57 VE KG20B T303/57 VE KG32A T303/57 VE KG32B T303/57 VE KG41B T303/57 VE KG64B T303/57 VE KG80 T303/57 VE KG80C T303/57 VE KG100 T303/57 VE KG100C T303/57 VE KG125 T303/57 VE KG160 T303/57 VE KG210 T303/57 VE KG250 T303/57 VE KG315 T303/57 VE C316 T303/57 VE		01289 3 01290 9 00839 1 00840 7 00841 4 00842 1 00843 8 00844 5 00845 2 00846 9 00847 6 00848 3 00850 6 00851 3 07533 1 00853 7 00854 4 00855 1				
			Direct-mounting on Printed Circuit Board											
			KG21A T303 E KG33A T303 E			03234 1 03235 8								

¹C316 protection IP 40. Higher protection available on request. ²Further technical data for special applications on printed circuit boards on request.

Switch Disconnectors ○ — |

3 pole, Types of Mounting

Technical Data									
		KG10A	KG20A	KG32A	KG41	KG64	KG80	KG100	
Ratings 3 x 380 V/440 V									
AC-23A, AC-23B	kW	5,5	7,5	11	15	22	30	37	
AC-3	kW	3,7	5,5	7,5	11	18,5	22	30	
Thermal Current I _u /I _{th}	A	20	25	32	40	63	80	100	
Version	Base Mounting for Track			EAN-Code 9004257	Version	Base Mounting for Track		EAN-Code 9004257	
	Esc. plate for 45 mm standard knock-out					and padlock device for padlocks			
	KG10A	T303	VE21	01288 6		KG10A	T303/58	VE21	01291 6
	KG20A	T303	VE2	00856 8		KG20A	T303/58	VE2	00862 9
	KG32A	T303	VE2	00857 5		KG32A	T303/58	VE2	00863 6
	KG41	T303	VE2	00858 2		KG41	T303/58	VE2	00864 3
	KG64	T303	VE2	00859 9		KG64	T303/58	VE2	00865 0
	KG80	T303	VE2	00860 5		KG80	T303/58	VE2	00866 7
	KG100	T303	VE2	00861 2		KG100	T303/58	VE2	00867 4

Switch Disconnectors ○ — |

3 pole + Ground Terminal

Switch Disconnectors ○ — |

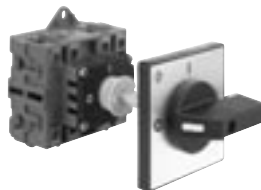
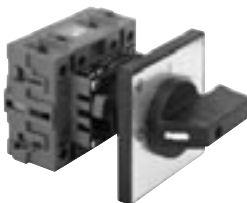
3 pole + Neutral Terminal

Technical Data									
		KH16 KH16B	KH20 KH20B	KH25 KH25B	KH32	KH40	KH63	KH80	
Ratings									
3 x 380 V/440 V									
AC-23A, AC-23B	kW	7,5	10	12	16	20	30	40	
AC-3	kW	5,5	6,5	7,5	11	15	22	30	
Thermal Current I _u /I _{th}	A	16	20	25	32	40	63	80	
Version	Four Hole Panel Mounting			EAN- Code	Version		Four Hole Panel Mounting		EAN- Code
Protection				9004257	Protection				9004257
IP 66 	KH16	T300 E	09313 7	IP 66 	KH16	T307 E	09303 8		
	KH16B	T300 E	09314 4		KH16B	T307 E	09304 5		
	KH20	T300 E	09315 1		KH20	T307 E	09305 2		
	KH20B	T300 E	09316 8		KH20B	T307 E	09306 9		
	KH25	T300 E	09317 5		KH25	T307 E	09307 6		
	KH25B	T300 E	09318 2		KH25B	T307 E	09308 3		
	KH32	T300 E	09319 9		KH32	T307 E	09309 0		
	KH40	T300 E	09320 5		KH40	T307 E	09310 6		
	KH63	T300 E	09321 2		KH63	T307 E	09311 3		
	KH80	T300 E	09322 9		KH80	T307 E	09312 0		

¹Further technical data for special applications on printed circuit boards on request.

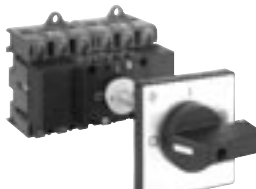
Switch Disconnectors ○ — |

4 pole, Types of Mounting

Technical Data																			
		KH16	KH20	KH25						KG80	KG100								
		KH16B	KH20B	KH25B	KH32	KH40	KH63	KH80	KG80C	KG100C	KG125	KG160	KG210	KG250	KG315	C316			
Ratings																			
3 x 380 V/440 V																			
AC-23A, AC-23B	kW	7,5	10	12	16	20	30	40	30	37	45	55	75	90	110	132			
AC-3	kW	5,5	6,5	7,5	11	15	22	30	22	30	37	45	55	55	75	55			
Thermal Current I _u /I _{th}	A	16	20	25	32	40	63	80	80	100	125	160	200	250	315	315			
Version Protection	Four Hole Panel Mounting	EAN- Code		Version Protection		Base Mounting		EAN- Code											
		9004257						9004257											
IP 66¹ 	KH16	T304 E	07069 5		IP 40 	KG160	T304 VE	00903 9											
	KH16B	T304 E	07070 1			KG210	T304 VE	07535 5											
	KH20	T304 E	07071 8			KG250	T304 VE	00905 3											
	KH20B	T304 E	07072 5			KG315	T304 VE	00906 0											
	KH25	T304 E	07073 2			C316	T304 VE	00907 7											
	KH25B	T304 E	07074 9			and shaft extension													
	KH32	T304 E	06544 8																
	KH40	T304 E	06545 5																
	KH63	T304 E	07536 2																
	KH80	T304 E	07537 9																
	KG80C	T304 E	00877 3																
	KG100	T304 E	00878 0																
	KG100C	T304 E	00879 7																
	KG125	T304 E	00881 0																
	KG160	T304 E	00882 7																
	KG210	T304 E	07534 8																
KG250	T304 E	00884 1																	
KG315	T304 E	00885 8																	
C316	T304 E	00886 5																	
IP 66 	Single Hole Mounting 22 mm					KH16	T304/57 VE	07084 8											
	KH16B	T304/57 VE	07085 5																
	KH20	T304/57 VE	07086 2																
	KH20B	T304/57 VE	07087 9																
	KH25	T304/57 VE	07088 6																
	KH25B	T304/57 VE	07089 3																
KH32	T304/57 VE	06548 6																	
KH40	T304/57 VE	06549 3																	
KH63	T304/57 VE	07538 6																	
KH80	T304/57 VE	07539 3																	
KG80C	T304/57 VE	00915 2																	
KG100	T304/57 VE	00916 9																	
KG100C	T304/57 VE	00917 6																	
KG125	T304/57 VE	00919 0																	
KG160	T304/57 VE	00920 6																	
KG210	T304/57 VE	07540 9																	
KG250	T304/57 VE	00922 0																	
KG315	T304/57 VE	00923 7																	
C316	T304/57 VE	00924 4																	
IP 40 	Base Mounting																		
	KH16	T304 VE	07078 7																
	KH16B	T304 VE	07079 4																
	KH20	T304 VE	07080 0																
	KH20B	T304 VE	07081 7																
	KH25	T304 VE	07082 4																
	KH25B	T304 VE	07083 1																
	KH32	T304 VE	06546 2																
	KH40	T304 VE	06547 9																
	KH63	T304 VE	07541 6																
	KH80	T304 VE	07542 3																
	KG80C	T304 VE	00898 8																
	KG100	T304 VE	00899 5																
	KG100C	T304 VE	00900 8																
	KG125	T304 VE	00902 2																

¹C316 protection IP 40. Higher protection available on request.

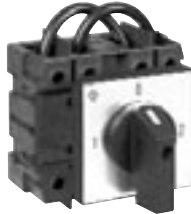
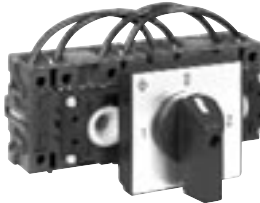
Switch Disconnectors ○ — 6 pole, Types of Mounting	Switch Disconnectors ○ — 8 pole, Types of Mounting
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Technical Data													
		KG10A KH16 KH16B	KG10B KH20 KH20B	KG20B KH25 KH25B	KG32B KH32	KG41B KH40	KG64B KH63	KG80 KH80	KG80C KH80	KG100 KG100C	KG125	KG160	C316
Ratings 3 x 380 V/440 V AC-23A, AC-23B kW AC-3 kW Thermal Current I _u /I _{th} A		7,5 5,5 16	5,5/10 ³ 3,7/6,5 ³ 20	7,5/12 ³ 5,5/7,5 ³ 25	11/16 ³ 7,5/11 ³ 32	15/20 ³ 11/15 ³ 40	22/30 ³ 18,5/22 ³ 63	30/40 22/30 80	37 30 100	45 37 125	55 45 160	132 55 315	
Version Protection	Four Hole Panel Mounting	EAN- Code 9004257			Version Protection	Four Hole Panel Mounting	EAN- Code 9004257						
	KG10A	T306 E	01296 1		KH16	T308 E	09323 6						
	KG10B	T306 E	01297 8		KH16B	T308 E	09324 3						
	KG20B	T306 E	00925 1		KH20	T308 E	09325 0						
	KG32B	T306 E	00926 8		KH20B	T308 E	09326 7						
	KG41B	T306 E	00927 5		KH25	T308 E	09327 4						
	KG64B	T306 E	00928 2		KH25B	T308 E	09328 1						
	KG80	T306 E	00929 9		KH32	T308 E	09329 8						
	KG80C	T306 E	00930 5		KH40	T308 E	09330 4						
	KG100	T306 E	00931 2		KH63	T308 E ²	09331 1						
	KG100C	T306 E	00932 9		KH80	T308 E ²	09332 8						
	KG125	T306 E	03683 7										
	KG160	T306 E	03685 1										
	C316	T306 E	00935 0										
	 	Base Mounting											
KG10A		T306 VE	01298 5										
KG10B		T306 VE	01299 2										
KG20B		T306 VE	00936 7										
KG32B		T306 VE	00937 4										
KG41B		T306 VE	00938 1										
KG64B		T306 VE	00939 8										
KG80		T306 VE	00940 4										
KG80C		T306 VE	00941 1										
KG100		T306 VE	00942 8										
KG100C		T306 VE	00943 5										
KG125		T306 VE	03684 4										
KG160		T306 VE	03686 8										
C316		T306 VE	00946 6										
and shaft extension													
KG10A		T306/57 VE	01300 5										
KG10B		T306/57 VE	01301 2										
KG20B		T306/57 VE	00947 3										
KG32B		T306/57 VE	00948 0										
KG41B		T306/57 VE	00949 7										
KG64B		T306/57 VE	00950 3										
KG80		T306/57 VE	00951 0										
KG80C		T306/57 VE	00952 7										
KG100		T306/57 VE	00953 4										
KG100C		T306/57 VE	00954 1										
KG125		T306/57 VE	03687 5										
KG160		T306/57 VE	03688 2										
C316		T306/57 VE	00957 2										

¹C80, C125 and C316 protection IP 40. Higher protection available on request. ²In preparation. ³The values after the slash are valid for KH switches.

Switch Disconnectors 1 — 0 — 2
Double-throw Switches 3 pole,
Types of Mounting

Switch Disconnectors 1 — 0 — 2
Double-throw Switches 2 and 4 pole,
Types of Mounting

Technical Data		KG20A KG20B KG32A KH16 KH20 KH25 KG32B KG41B KG64B KG80 KH16B KH20B KH25B KH32 KH40 KH63 KH80 KG100 KG100C KG125 KG160 C316										
Ratings 3 x 380 V/440 V AC-23A, AC-23B kW AC-3 kW Thermal Current I _u /I _{th} A		7,5	10	7,5/12 ³	11/16 ³	15/20 ³	22/30 ³	30/40 ³	37	45	55	132
		5,5	6,5	5,5/7,5 ³	7,5/11 ³	11/15 ³	18,5/22 ³	22/30 ³	30	37	45	55
		16	20	25	32	40	63	80	100	125	160	315
Version Protection	Four Hole Panel Mounting	EAN- Code 9004257		Ausführung Schutzart				Four Hole Panel Mounting		EAN- Code 9004257		
	KG20A T903 E	00958 9			2 pole							
	KG20B T903 E	00959 6										
	KG32A T903 E	00960 2			KH16 T902 E		09333 5					
	KG32B T903 E	00961 9			KH16B T902 E		09334 2					
	KG41B T903 E	00962 6			KH20 T902 E		09335 9					
	KG64B T903 E	00963 3			KH20B T902 E		09336 6					
	KG80 T903 E	00964 0			KH25 T902 E		09337 3					
	KG80C T903 E	00965 7			KH25B T902 E		09338 0					
	KG100 T903 E	00966 4			KH32 T902 E		09339 7					
	KG100C T903 E	00967 1			KH40 T902 E		09340 3					
	KG125 T903 E	03689 9			KH63 T902 E		09341 0					
	KG160 T903 E	03691 2			KH80 T902 E		09342 7					
	C316 T903 E	00970 1										
 	Base Mounting				4 pole							
	KG20B T903 VE	00971 8					KH16 T904 E		09343 4			
	KG32B T903 VE	00972 5			KH16B T904 E		09344 1					
	KG41B T903 VE	00973 2			KH20 T904 E		09345 8					
	KG64B T903 VE	00974 9			KH20B T904 E		09346 5					
	KG80 T903 VE	00975 6			KH25 T904 E		09347 2					
	KG80C T903 VE	00976 3			KH25B T904 E		09348 9					
	KG100 T903 VE	00977 0			KH32 T904 E		09349 6					
	KG100C T903 VE	00978 7			KH40 T904 E		09350 2					
	KG125 T903 VE	03690 5			KH63 T904 E ²		09351 9					
	KG160 T903 VE	03692 9			KH80 T904 E ²		09352 6					
	C316 T903 VE	00981 7										
	and shaft extension											
	KG20B T903/57 VE	00982 4										
	KG32B T903/57 VE	00983 1										
	KG41B T903/57 VE	00984 8										
	KG64B T903/57 VE	00985 5										
	KG80 T903/57 VE	00986 2										
	KG80C T903/57 VE	00987 9										
KG100 T903/57 VE	00988 6											
KG100C T903/57 VE	00989 3											
KG125 T903/57 VE	03693 6											
KG160 T903/57 VE	03694 3											
C316 T903/57 VE	00992 3											
	Base Mounting for Track											
	KG20A T903 VE2	06488 5										
	KG32A T903 VE2	06489 2										
	KG41B T903 VE2	06490 8										
	KG64B T903 VE2	06491 5										
	KG80 T903 VE2	06492 2										
	KG100 T903 VE2	06493 9										

¹C80, C125 and C316 protection IP 40. Higher protection available on request. ²In preparation. ³The values after the slash are valid for KH switches.

Switch Disconnectors — |

3, 4, and 6 pole, in Plastic Enclosure (conduit entries for metric threads)

Technical Data		KG20 KG32 KG41 KG64 KG10 KG20B KG32B KG41B KG64B KG80 KH16 KH20 KH25 KH32 KH40 KH63 KH80 KG100 KG125 KG160 KG250 KG315 C316													
Ratings 3 x 380 V/440 V AC-23A, AC-23B AC-3 Thermal Current I _{the}		kW	7,5	5,5/10 ⁴	7,5/12 ⁴	11/16 ⁴	15/20 ⁴	22/30 ⁴	30/40 ⁴	37	45	55	90	110	132
		kW	5,5	3,7/6,5 ⁴	5,5/7,5 ⁴	7,5/11 ⁴	11/15 ⁴	18,5/22 ⁴	22/30 ⁴	30	37	45	55	75	55
		A	16	20	25	32	40	63	80	100	125	160	250	315	315 ² /275 ³
Version Protection IP 66/67	3 pole	EAN-Code 9004257	Version Protection IP 66/67		4 pole	EAN-Code 9004257									
	KG10 T303 KS51	07283 5		KG125 T304/60 STM	07309 2										
	KG20 T303 KS51	07284 2		KG160 T304/60 STM	07310 8										
				KG250 T304/61 STM	07311 5										
				KG315 T304/61 STM ⁵	07312 2										
				C316 T304/62 STM ⁵	07313 9										
	KG20 T303 KL51	07285 9		Oversized Wiring Space											
	KG32 T303 KL51	07286 6													
	KG41 T303 KL11	07287 3													
	KG64 T303 KL11	07288 0													
	KG80 T303 KL71	07289 7													
	KG100 T303 KL71	07290 3		KG125 T304/61 STM	07314 6										
				KG160 T304/61 STM	07315 3										
				KG250 T304/64 STM ⁵	07316 0										
				KG315 T304/64 STM ⁵	07317 7										
				C316 T304/63 STM ⁵	07318 4										
	KG125 T303/59 STM ¹	07291 0		6 pole											
	KG160 T303/59 STM ¹	07292 7													
	KG250 T303/61 STM	07293 4													
	KG315 T303/61 STM ⁵	07294 1													
	C316 T303/62 STM ⁵	07295 8													
	Oversized Wiring Space			KG10 T306 KS51	07319 1										
				KG20B T306 KL11	07320 7										
				KG32B T306 KL11	07321 4										
				KG41B T306 KL71	07322 1										
				KG64B T306 KL71	07323 8										
	KG125 T303/61 STM	07296 5		KG80 T306/59 STM ¹	07324 5										
	KG160 T303/61 STM	07297 2		KG100 T306/59 STM ¹	07325 2										
	KG250 T303/63 STM ⁵	07298 9		KG125 T306/59 STM ¹	07326 9										
	KG315 T303/63 STM ⁵	07299 6		KG160 T306/59 STM ¹	07327 6										
	C316 T303/63 STM ⁵	07300 9		C316 T306/63 STM ⁵	07328 3										
	4 pole			Oversized Wiring Space											
	KH16 T304 KS51	08763 1													
	KH20 T304 KS11	08764 8													
	KH25 T304 KL11	08765 5		KG125 T306/61 STM	07329 0										
	KH32 T304 KL11	08766 2		KG160 T306/61 STM	07330 6										
	KH40 T304 KL11	08767 9		C316 T306/64 STM ⁵	07331 3										
	KH63 T304 KL71	08863 8													
	KH80 T304 KL71	08864 5													
	KG100 T304 KL71	07308 5													

¹Protection IP 65. ²For switches 3 and 4 pole. ³For switches 6 pole. ⁴The values after the slash are valid for KH switches. ⁵Switches with cable glands.

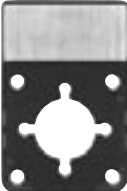
Lateral mounted Auxiliary Contacts

Version	For Switch Type	For Front Mounting	EAN-Code 9004257	For Base Mounting	EAN-Code 9004257
Lateral mounted auxiliary contacts with 1 NO + 1 NC 	KG20-KG32B, KH16-KH25B	K0 H010/A11-E	06473 1	K0 H010/A11-VE	06474 8
	KH32, KH40, KH63, KH80	K1 H010/11A-E	06542 4	K1 H010/11A-VE	06543 1
	KG41-KG64B	K1 H010/A11-E	06475 5	K1 H010/A11-VE	06476 2
	KG80-KG100C	K2 H010/A11-E	06477 9	K2 H010/A11-VE	06478 6
Lateral mounted auxiliary contacts with 2 NO + 1 NC 	KG125, KG160	K3A H010/A21-E	06479 3	K3A H010/A21-VE	06480 9
	KG210, KG250, KG315	K3 H010/A21-E	06481 6	K3 H010/A21-VE	06482 3

Protective Covers

Version	For Switch Type		EAN-Code 9004257		EAN-Code 9004257
	KG10A, KG10B	2 pole	01574 0	3 and 4 pole	01575 7
		S0 M160/A12		S0 M160/A12 K2	
		3 pole		4 pole	
	KG20A, KG20B KG32A, KG32B	K0 M160/3	01576 4	K0 M160/4	01579 5
		K1 M160/3	01577 1	K1 M160/4	01580 1
		K2 M160/3	01578 8	K2 M160/4	01581 8
	KG80, KG80C KG100, KG100C	K3 M160/32	01582 5	K3 M160/42	01583 2
		K3 M160/30	06486 1	K3 M160/40	06487 8
		For Front Mounting		For Base Mounting	
	KH32, KH40 KH63, KH80	K1 M160/45-E	09198 0	K1 M160/45-VE	09199 7
		K1 M160/44-E	08905 5	K1 M160/44-VE	08906 2

Add-on Escutcheon Plates

Version Escutcheon Plate frame Black	Description	Escutcheon Plate Size in mm	Escutcheon Plate Backing Brushed Alu	EAN- Code 9004257	Escutcheon Plate Backing Yellow	EAN- Code 9004257
Higher Inscription field 	HAUPTSCHALTER	48 x 48 64 x 64 88 x 88 130 x 130	S0 F822/A1B - PRA S1 F822/A1B - PRA S2 F822/A1B - PRA S3 F822/A1B - PRA	01538 2 01539 9 01540 5 01541 2	S0 F822/E1B - PRA S1 F822/E1B - PRA S2 F822/E1B - PRA S3 F822/E1B - PRA	01542 9 01543 6 01544 3 01545 0
	HAUPTSCHALTER NUR IN 0-STELLUNG ÖFFNEN	48 x 48 64 x 64 88 x 88 130 x 130	S0 F832/A1B - PRA S1 F832/A1B - PRA S2 F832/A1B - PRA S3 F832/A1B - PRA	01546 7 01547 4 01548 1 01549 8	S0 F832/E1B - PRA S1 F832/E1B - PRA S2 F832/E1B - PRA S3 F832/E1B - PRA	01550 4 01551 1 01552 8 01553 5
	HAUPTSCHALTER MAIN SWITCH	48 x 48 64 x 64 88 x 88 130 x 130	S0 F836/A1B - PRA S1 F836/A1B - PRA S2 F836/A1B - PRA S3 F836/A1B - PRA	06335 2 06336 9 06337 6 06338 3	S0 F836/E1B - PRA S1 F836/E1B - PRA S2 F836/E1B - PRA S3 F836/E1B - PRA	06339 0 06340 6 06341 3 06342 0
	MAIN SWITCH	48 x 48 64 x 64 88 x 88 130 x 130	S0 F824/A1B - PRA S1 F824/A1B - PRA S2 F824/A1B - PRA S3 F824/A1B - PRA	01554 2 01555 9 01556 6 01557 3	S0 F824/E1B - PRA S1 F824/E1B - PRA S2 F824/E1B - PRA S3 F824/E1B - PRA	01558 0 01559 7 01560 3 01561 0
	INTERRUPTEUR GENERAL	48 x 48 64 x 64 88 x 88 130 x 130	S0 F828/A1B - PRA S1 F828/A1B - PRA S2 F828/A1B - PRA S3 F828/A1B - PRA	01562 7 01563 4 01564 1 01565 8	S0 F828/E1B - PRA S1 F828/E1B - PRA S2 F828/E1B - PRA S3 F828/E1B - PRA	01566 5 01567 2 01568 9 01569 6
Lower Inscription field 	HAUPTSCHALTER	48 x 48 64 x 64	S0 F822/A1B - PRC S1 F822/A1B - PRC	00549 9 00552 9	S0 F822/E1B - PRC S1 F822/E1B - PRC	00555 0 01588 7
	HAUPTSCHALTER NUR IN 0-STELLUNG ÖFFNEN	48 x 48 64 x 64	S0 F832/A1B - PRC S1 F832/A1B - PRC	01570 2 01571 9	S0 F832/E1B - PRC S1 F832/E1B - PRC	01572 6 01573 3
	HAUPTSCHALTER MAIN SWITCH	48 x 48 64 x 64	S0 F836/A1B - PRC S1 F836/A1B - PRC	06343 7 06344 4	S0 F836/E1B - PRC S1 F836/E1B - PRC	06345 1 06346 8
	MAIN SWITCH	48 x 48 64 x 64	S0 F824/A1B - PRC S1 F824/A1B - PRC	00550 5 00553 6	S0 F824/E1B - PRC S1 F824/E1B - PRC	00556 7 01589 4
	INTERRUPTEUR GENERAL	48 x 48 64 x 64	S0 F828/A1B - PRC S1 F828/A1B - PRC	00551 2 00554 3	S0 F828/E1B - PRC S1 F828/E1B - PRC	00557 4 01590 0

Terminals for Control Circuit

Version	For Switch Type		EAN-Code 9004257	Max. Permissible Wire Gage Single-core or stranded wire	Flexible wire
	KG41-KG64B	K1B D220 KS	08907 9	2,5 mm ² AWG12	2,5 mm ² AWG14
	KG80-KG100C	K2B D520 KSA	06483 0	2,5 mm ² AWG12	2,5 mm ² AWG14
	KG125, KG160	K3A D720 KS	06484 7	4 mm ² AWG10	4 mm ² AWG12
	KG210, KG250, KG315	K3B D520 KS	06485 4	4 mm ² AWG10	4 mm ² AWG12

Unlock Insert

Version	Unlock insert for the M700		EAN-Code 9004257	
	To open the door in ON position. (After the locking has been made inactive, it is necessary to take effective precautions against an opening of the door by unauthorized persons.)	S1D M700 29	07090 9	

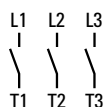
Mounting Key

Version	For Switches with Single Hole Mounting		EAN-Code 9004257	
	Mounting key for locking nut	S00 T170 09	08726 6	

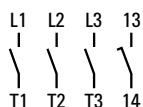
Connection Diagrams

(KG and C switches)

3 pole



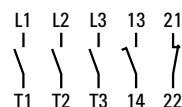
3 pole + 1 NO for KG switches



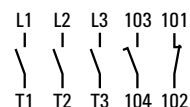
3 pole + 1 NO for C switches



3 pole + 1 NO, 1 NC for KG switches



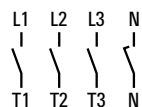
3 pole + 1 NO, 1 NC for C switches



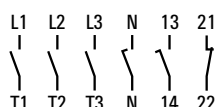
3 pole + PE, N



4 pole



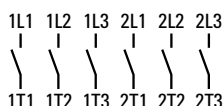
4 pole + 1 NO, 1 NC for KG switches



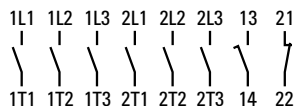
4 pole + 1 NO, 1 NC for C switches



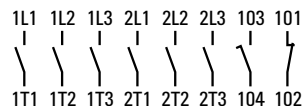
6 pole



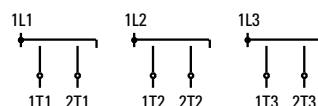
6 pole + 1 NO, 1 NC for KG switches



6 pole + 1 NO, 1 NC for C switches



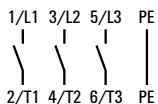
3 pole (Double-throw switches)



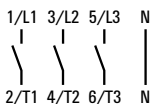
Connection Diagrams

(KH switches)

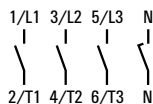
3 pole + PE



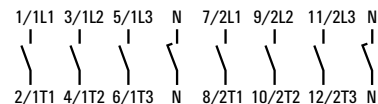
3 pole + N



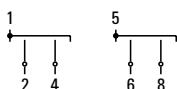
4 pole



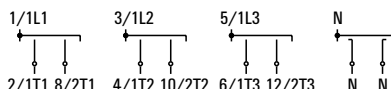
8 pole



2 pole (Double-throw switches)



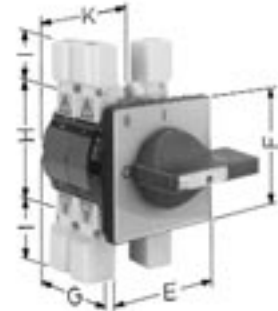
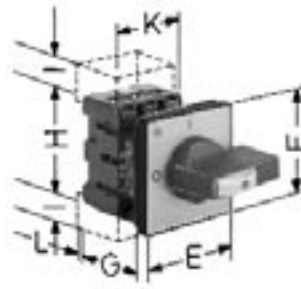
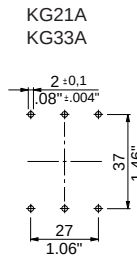
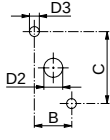
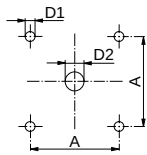
4 pole (Double-throw switches)



Switches for Panel Mounting

Two or Four Hole Panel Mounting

Dimensions mm
inch

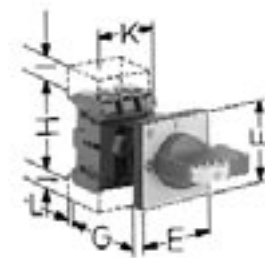
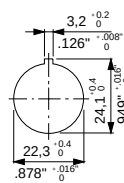


C316

	A	B ²	C ²	D1	D2	D3	E/F	G	G	G	G	G	H	I	K	K	4 ¹ 3+PE 3+N K	6 ¹ K	8 ¹ K	L
KG10A	36 1.42	12,2 .48	30 1.18	5 .20	11-15 .43-.59	3,5 .14	48 1.89	38,7 1.52	48,2 1.90	48,2 1.90		58 2.28	50 1.97	7,5 .30	48 1.89		48 1.89			
KG10B	48 1.89	12,2 .48	30 1.18	5 .20	11-15 .43-.59	3,5 .14	64 2.52	45,7 1.80	55,2 2.17	55,2 2.17		67 2.64	50 1.97	7,5 .30	48 1.89		48 1.89			
KG20A, KG32A, KG21A, KG33A	36 1.42	12,2 .48	30 1.18	5 .20	10 .39	3,5 .14	48 1.89		53,8 ³ 2.12	62,8 2.47	53,8 2.12	61,3 2.42	54 2.13	20 .79	42 1.65	69 2.72	56 2.21			6 .24
KG20B, KG32B	48 1.89	12,2 .48	30 1.18	5 .20	10 .39	3,5 .14	64 2.52		53,8 2.12	62,8 2.47	53,8 2.12	61,3 2.42	54 2.13	20 .79	42 1.65	69 2.72	56 2.21	84 3.31		6 .24
KG41, KG64	36 1.42			5 .20	10 .39		48 1.89		60,5 2.38		60,5 2.38	61,3 2.42	64 2.52	17 .67	50 1.97	82 3.23	66 2.60			5,5 .22
KG41B, KG64B	48 1.89	12,2 .48	30 1.18	5 .20	10 .39	3,5 .14	64 2.52		60,5 2.38	73 2.87	60,5 2.38	66,5 2.62	64 2.52	17 .67	50 1.97	82 3.23	66 2.60	100 3.94		5,5 .22
		14 .55	37 1.46			4,5 .18														
KG41B T.3/81 E, KG64B T.3/81 E	68 2.68			6 .24	10 .39		88 3.46		61 2.40				64 2.52	17 .67	50 1.97					5,5 .22
KG80, KG100	48 1.89	14 .55	37 1.46	5 .20	10 .39	4,5 .18	64 2.52		70,6 2.78	80,6 3.17	70,6 2.78	81,8 3.22	80 3.15	26 1.02	70 2.76	114 4.49	92 3.62	140 5.51		5,5 .22
KG80C, KG100C	68 2.68	14 .55	37 1.46	6 .24	10 .39	4,5 .18	88 3.46		70,6 2.78	80,6 3.17	70,6 2.78	81,8 3.22	80 3.15	26 1.02	70 2.76	114 4.49	92 3.62	140 5.51		5,5 .22
KG125, KG160	68 2.68			6 .24	13 .51		88 3.46		96 3.78	117 4.61	96 3.78	98 3.86	108 4.25	108 .87	112 4.41	188 7.40	150 5.91	224 8.82		
KG210, KG250, KG315	68 2.68			6 .24	13 .51		88 3.46		103 4.06	124 4.88	103 4.06		126 4.96	25 .98	145 5.71	250 9.84	197,5 7.78			6 .24
KH16, KH20, KH25	36 1.42	12,2 .48	30 1.18	5 .20	10-15 .39	3,5 .14	48 1.89		49 1.93				56 2.20				60 2.36		120,1 4.73	
KH16B, KH20B, KH25B	48 1.89	12,2 .48	30 1.18	5 .20	10-15 .39	3,5 .14	64 2.52		49 1.93				56 2.20				60 2.36		120,1 4.73	
KH32, KH40	48 1.89	12,2 .48	30 1.18	5 .20	10-15 .39-.59	3,5 .14	64 2.52		54 2.13				62 2.44	14 .55			70 2.76		140,1 5.52	
KH63, KH80	48 1.89	14 .55	37 1.46	5 .20	10-15 .39-.59	4,5 .18	64 2.52		62 2.44				90 3.54	23,5 .93			86 3.39		172,1 6.78	3,5 .14
C316	104 4.09			7 .28	16 .63		130 5.12		117,2 4.61	137,2 5.40		155,8 6.13	150 5.91	46 1.81	128 5.04		128 5.04	128 5.04		

¹Also valid for double-throw switches. ²Only for main switches and main switches with emergency function. ³KG21A and KG33A G = 56,1 mm/2.21 inch.

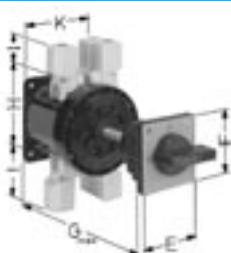
Single Hole Mounting 22 mm



	E/F	E/F	E/F	Pole 2 G	3, 4 G	3 + 1 G	3 + PE, N G	H	I	Pole 2, 3, 3 + 1 K	3 + PE, N K	4 K	L
KG10A	49 1.93	48 1.89		56,6 2.23	66,1 2.60	66,1 2.60		50 1.97	7,5 .30	48 1.89		48 1.89	
KG10B		64 2.52	64 2.52	56,6 2.23	66,1 2.60	66,1 2.60		50 1.97	7,5 .30	48 1.89		48 1.89	
KG20A, KG32A	49 1.93	48 1.89			68,3 2.69	77,3 3.04	68,3 2.69	54 2.13	20 .79	42 1.65	69 2.72	56 2.20	6 .24
KG20B, KG32B		64 2.52	64 2.52		68,3 2.69	77,3 3.04	68,3 2.69	54 2.13	20 .79	42 1.65	69 2.72	56 2.20	6 .24
KH16, KH20, KH25 FT2	49 1.93	48 1.89			63,5 2.50			56 2.20				60 2.36	
KH16, KH20, KH25 FH3		64 2.52	64 2.52		63,5 2.50			56 2.20				60 2.36	
KH32, KH40		64 2.52	64 2.52		68,7 2.70			62 2.44	14 .55			70 2.76	
KH63, KH80		64 2.52	64 2.52		77,1 3.04			90 3.54	23,5 .93			86 3.39	

Switches for Base Mounting

Dimensions mm
inch



C316



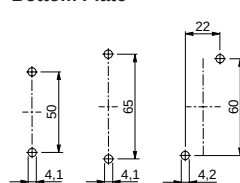
Switch Disconnectors

Main Switches and Main Switches with Emergency Function

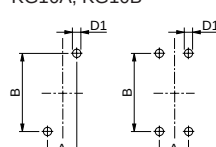
	With shaft extension				With single hole mounting without centering device															
	Pole 3, 4		6 ¹	3, 4, 6 ¹	Pole 2		3, 4, 3 + PE, N ³	3 + 1	Pole 3, 3+1		3 + PE, N	4	6 ¹							6 ¹
	E/F	G	G	G	E/F ²	G	G	G	H	I	K	K	K	K	M	N	P	P	P	P
KG10A	48 1.89	61,2 2.41	70,7 2.78	190 7.48	48 1.89	190 7.48	151,2 5.95	160,7 6.33	160,7 6.33	50 1.97	48 1.89		48 1.89	48 1.89	52 2.05	44,7 1.76	64,3 2.53			
KG10B	64 2.52	85,2 3.35	94,7 3.73	190 7.48	64 2.52	190 7.48	160,2 6.31	169,7 6.68	169,7 6.68	50 1.97	48 1.89		48 1.89	48 1.89						
KG20A, KG32A	48 1.89	62 2.44		190 7.48	48 1.89	190 7.48		166,5 6.56	175,5 6.91	54 2.13	42 1.65	69 2.72	55,5 2.19	84 3.31	43,3 1.70	44,2 1.74	61 2.40	69 2.72		
KG20B, KG32B	64 2.52	63,5 2.50	71 2.80	190 7.48	64 2.52	190 7.48		166,5 6.56	175,5 6.91	54 2.13	42 1.65	69 2.72	55,5 2.19	84 3.31						
KG41, KG64	48 1.89	73 2.87		190 ⁵ 7.48	48 1.89	190 ⁵ 7.48		183,5 7.22	193,5 7.62	64 2.52	50 1.97	82 3.23	66 2.60		52 2.05	44,4 1.75	61,5 2.42			
KG41B, KG64B	64 2.52	74,5 2.93	80,5 3.17	190 ⁵ 7.48	64 2.52	190 ⁵ 7.48		183,5 7.22	193,5 7.62	64 2.52	50 1.97	82 3.23	66 2.60	100 3.94				67,5 2.66		
KG80	64 2.52	81,5 3.21	92,7 3.65	380 14.96	64 2.52	380 14.96		187,5 7.38	197,5 7.78	80 3.15	70 2.76	114 4.49	92 3.62	140 5.51	70 2.76	45 1.77	70 2.76			
KG80C	88 3.47	81,5 3.21	92,7 3.65	380 14.96	88 3.47	380 14.96														
KG100	64 2.52	81,5 3.21	92,7 3.65	450 17.72	64 2.52	450 17.72		187,5 7.38	197,5 7.78	80 3.15	70 2.76	114 4.49	92 3.62	140 5.51	70 2.76	45 1.77	70 2.76			
KG100C	88 3.47	81,5 3.21	92,7 3.65	450 17.72	88 3.47	450 17.72														
KG125, KG160	88 3.47	107 4.21	109 4.29	450 17.72	88 3.47	450 17.72				108 4.25	22,2 .87	112 4.41	188 7.40	150 5.91	224 8.82					
KG210, KG250, KG315	88 3.47	114 4.49		550 21.65	88 3.47	550 21.65				126 4.96	25 .98	145 5.71	250 9.84	197,5 7.78						
KH16, KH20, KH25	48 1.89	59 2.32		190 7.48	48 1.89	190 7.48		163,5 6.44		56 2.20				60 2.36						
KH16B, KH20B, KH25B	64 2.52	60,5 2.38		190 7.48	64 2.52	190 7.48		163,5 6.44		56 2.20				60 2.36						
KH32, KH40	64 2.52	79 3.11		190 7.48	64 2.52	190 7.48		178 7.01		62 2.44	14 .55			70 2.76						
KH63, KH80	64 2.52	85 3.35		330 ⁶ 12.99	64 2.52	330 ⁶ 12.99		187,5 7.38		90 3.54	23,5 .93			86 3.39						
C316	130 5.12	148 5.83	186,5 7.34	550 21.65	88 3.47	550 21.65				150 5.91	46 1.81	128 5.04	128 5.04	128 5.04						

	Bottom Plate					Front Plate				
	A	B	C	C1	D1	E ⁴	D3 ⁴	D2	D2 ⁴	
KG10A						36 1.42	5 .20	8-15 .32-59	18-22 .71-87	
KG10B						48 1.89	5 .20	10-15 .39-59	19-22 .75-87	
KG20A, KG32A	22 .87	60 2.36			4,1 .16	36 1.42	5 .20	8-15 .32-59	18-22 .71-87	
KG20B, KG32B	22 .87	60 2.36	32 1.26	10 .39	4,1 .16	48 1.89	5 .20	10-15 .39-59	19-22 .75-87	
KG41, KG64	25 .98	70 2.76			4,1 .16	36 1.42	5 .20	8-15 .32-59	18-22 .71-87	
KG41B, KG64B	25 .98	70 2.76	37,5 1.48	12,5 .49	4,1 .16	48 1.89	5 .20	10-15 .39-59	19-22 .75-87	
KG80, KG100	25 .98	90 3.54	47,5 1.87	22,5 .89	5,2 .21	48 1.89	5 .20	10-15 .39-59	19-22 .75-87	
KG80C, KG100C	25 .98	90 3.54	47,5 1.87	22,5 .89	5,2 .21	68 2.68	6 .24	13-17 .51-67	26-30 1.02-1.18	
KG125, KG160	36 1.42	120 4.72			6,4 .25	68 2.68	6 .24	13-17 .51-67	26-30 1.02-1.18	
KG210, KG250, KG315	44 1.73	142 5.59			6,4 .25	68 2.68	6 .24	13-17 .51-67	26-30 1.02-1.18	
KH16, KH20, KH25	22 .86	60 2.36			4,2 .17	36 1.42	5 .20	8-15 .32-59	18-22 .71-87	
KH16B, KH20B, KH25B	22 .86	60 2.36			4,2 .17	48 1.89	5 .20	10-15 .39-59	19-22 .75-87	
KH32, KH40	25 .98	70 2.76			4,1 .16	48 1.89	5 .20	10-15 .39-59	19-22 .75-87	
KH63, KH80	25 .98	90 3.54			5,2 .21	48 1.89	5 .20	10-15 .39-59	19-22 .75-87	
C316	104 4.09	104 4.09			7 .28	104 4.09	7 .28	15,5-20 .61-.79		

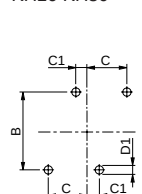
Bottom Plate



KG10A, KG10B

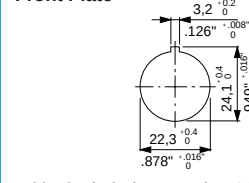


KG20A-KG100C
KH16-KH80

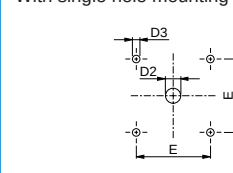


KG20A-KG100C
6 pole¹

Front Plate



With single hole mounting 22 mm



⁴E = 48
1.89 D2 = 39-42
1.54-1.69 D3 = 5
.20

For switch type:

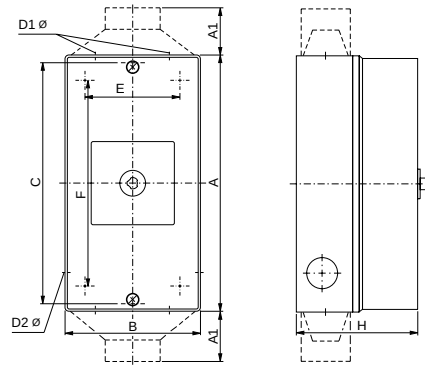
KG20B T.../12 VE	KG125 T.../28 VE
KG20B T.../28 VE	KG160 T.../12 VE
KG32B T.../12 VE	KG160 T.../28 VE
KG32B T.../28 VE	KG250 T.../13 VE
KG41B T.../12 VE	KG250 T.../29 VE
KG41B T.../28 VE	KG315 T.../13 VE
KG64B T.../12 VE	KG315 T.../29 VE
KG64B T.../28 VE	KH32 T.../12 VE
KG80 T.../12 VE	KH40 T.../12 VE
KG80 T.../28 VE	KH63 T.../12 VE
KG100 T.../12 VE	KH80 T.../12 VE
KG100 T.../28 VE	C316 T.../13 VE
KG125 T.../12 VE	C316 T.../29 VE

¹Also valid for double-throw switches. ²Versions T.../12 VE, T.../13 VE, T.../28 VE, T.../29 VE = 88 mm/3.47 inch. ³KG10A and KG10B + 9,5 mm/.37 inch. ⁴Different dimensions see right table. ⁵KG64 and KG64B G = 330 mm/12.99 inch. ⁶KH80 G = 380 mm/14.96 inch.

Switches in Plastic Enclosure

Dimensions

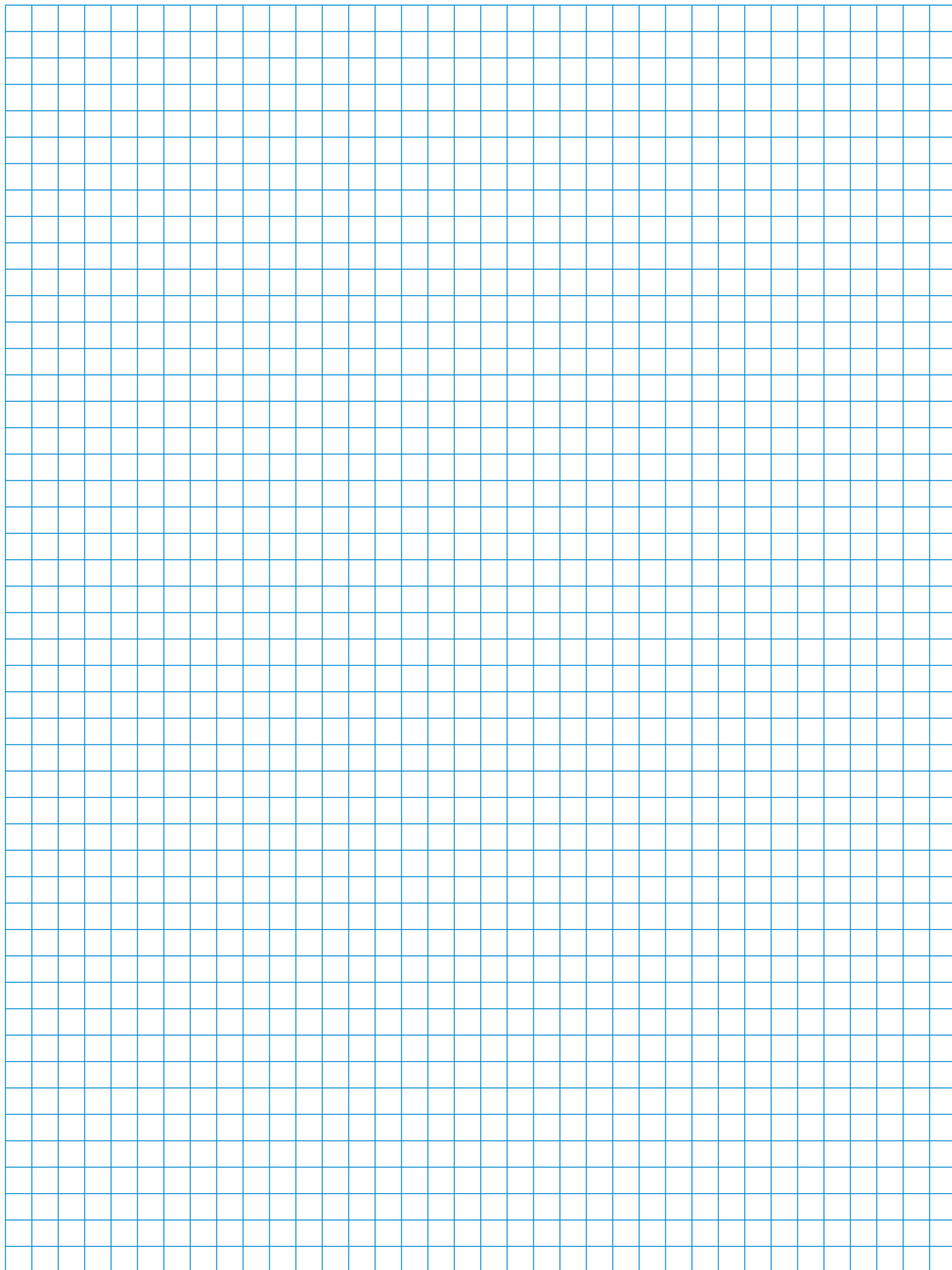
mm
inch

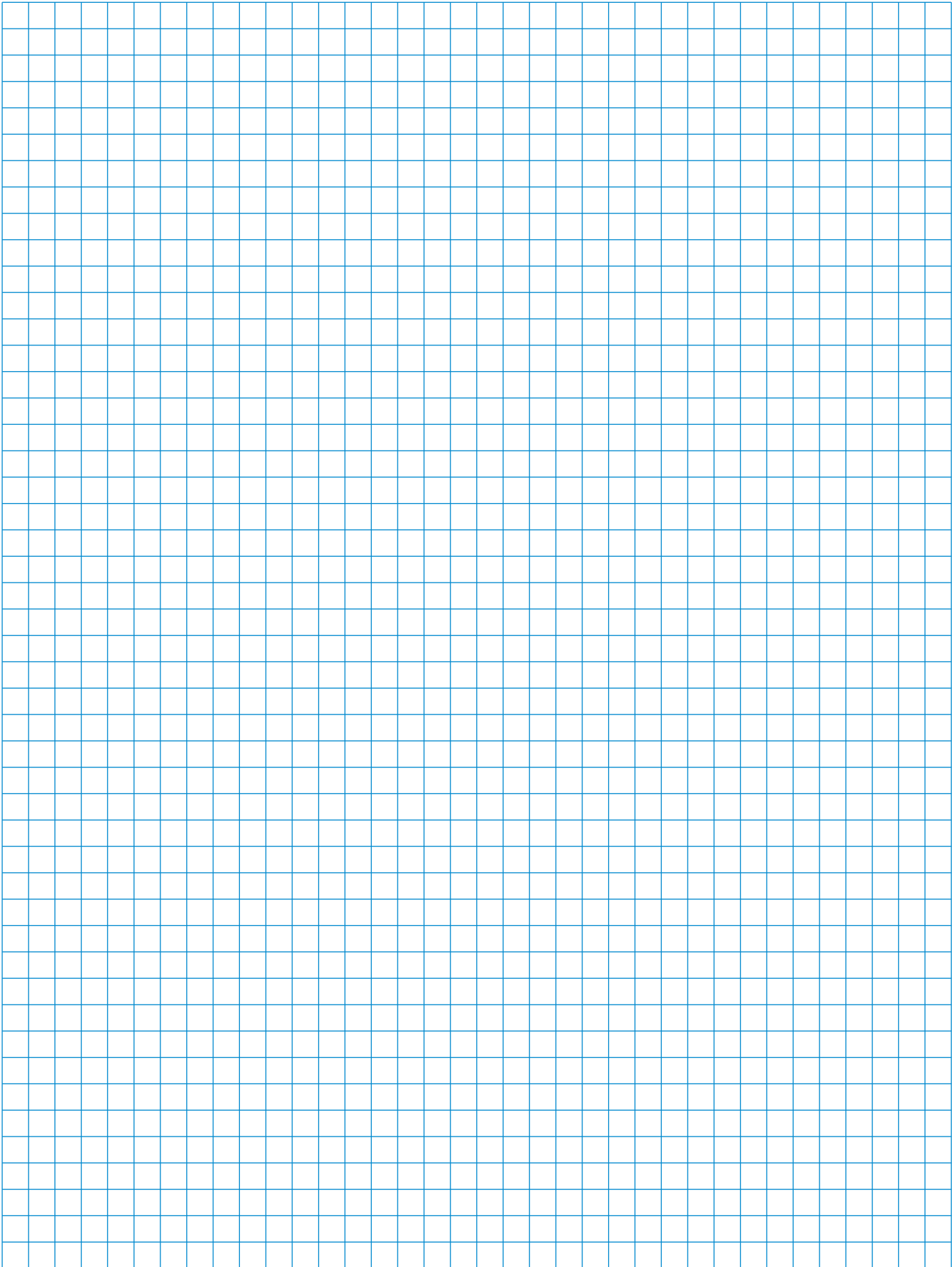


	Pole						A	A1	B	C	D1	D2	E	F	H
	3	3 + 2	4	4 + 2	6	6 + 2									
KG10 T... KS51	x	x	x	x	x		120		85	110	2 x 20	20			80
KH16 T... KS51 ²							4.72		3.35	4.33	2 x .79	.79			3.15
KG10 T... KS51V	x	x	x	x	x	x	120		85	110	2 x 20	20			90
KH16 T... KS51V ²							4.72		3.35	4.33	2 x .79	.79			3.54
KG20 T... KS51	x						120		85	110	2 x 20	20			80
							4.72		3.35	4.33	2 x .79	.79			3.15
KG20 T... KS51V	x						120		85	110	2 x 20	20			90
							4.72		3.35	4.33	2 x .79	.79			3.54
KG20 ¹ , KG32	x	x					160		85	150	2 x 20	20			78
T... KL51							6.30		3.35	5.91	2 x .79	.79			3.07
KG20 ¹ , KG32	x	x					160		85	150	2 x 20	20			82
T... KL51V							6.30		3.35	5.91	2 x .79	.79			3.23
KH20 T... KS11			x				120		85	110	2 x 25	20			80
							4.72		3.35	4.33	2 x .98	.79			3.15
KH20, KH25			x	x			160		85	150	2 x 25	20			78
T... KL11							6.30		3.35	5.91	2 x .98	.79			3.07
KH20, KH25			x	x			160		85	150	2 x 25	20			82
T... KL11V							6.30		3.35	5.91	2 x .98	.79			3.23
KG20B, KG32B					x	x	190		100	178	2 x 25	25			91
T... KL11							7.48		3.94	7.01	2 x .98	.98			3.58
KG20B, KG32B					x	x	190		100	178	2 x 25	25			93
T... KL11V							7.48		3.94	7.01	2 x .98	.98			3.66
KG41, KG64 T... KL11	x	x	x	x			190		100	178	2 x 25	25			91
KH32, KH40 T... KL11 ²							7.48		3.94	7.01	2 x .98	.98			3.58
KG41, KG64 T... KL11V	x	x	x	x			190		100	178	2 x 25	25			93
KH32, KH40 T... KL11V ²							7.48		3.94	7.01	2 x .98	.98			3.66
KG41B, KG64B					x	x	250		145		2 x 40	25	124	229	107
							9.84		5.71		2 x 1.57	.98	4.88	9.02	4.21
KG80, KG100	x	x	x	x			250		145		2 x 40	25	124	229	107
KH63, KH80 ²							9.84		5.71		2 x 1.57	.98	4.88	9.02	4.21
KG80, KG100					x	x	300		200		2 x 40/50		172	272	172
KG80C, KG100C							11.81		7.87		2 x 1.57/1.97		6.77	10.71	6.77
KG125, KG160	x	x					300		200		2 x 40/50		172	272	172
							11.81		7.87		2 x 1.57/1.97		6.77	10.71	6.77
			x	x			280		280		2 x 50		254	254	180
							11.02		11.02		2 x 1.97		10.00	10.00	7.09
	x ¹	x ¹	x ¹	x ¹			380		280		2 x 63		254	354	180
							14.96		11.02		2 x 2.48		10.00	13.94	7.09
					x	x	300		300		2 x 50		272	272	172
							11.81		11.81		2 x 1.97		10.71	10.71	6.77
					x ¹	x ¹	400		300		2 x 63		272	372	172
							15.75		11.81		2 x 2.48		10.71	14.65	6.77
KG250	x	x	x	x			380		280		2 x 63		254	354	180
							14.96		11.02		2 x 2.48		10.00	13.94	7.09
	x ¹	x ¹					560	110	280		1 x 28-60 ³		254	534	180
							22.05	4.33	11.02		1 x 1.10-2.36		10.00	21.02	7.09
			x ¹	x ¹			560	110	380		1 x 28-60 ³		354	534	180
							22.05	4.33	14.96		1 x 1.10-2.36		13.94	21.02	7.09
KG315	x	x	x	x			380	110	280		1 x 28-60 ³		254	354	180
							14.96	4.33	11.02		1 x 1.10-2.36		10.00	13.94	7.09
	x ¹	x ¹					560	110	280		1 x 28-60 ³		254	534	180
							22.05	4.33	11.02		1 x 1.10-2.36		10.00	21.02	7.09
			x ¹	x ¹			560	110	380		1 x 28-60 ³		354	534	180
							22.05	4.33	14.96		1 x 1.10-2.36		13.94	21.02	7.09
C316	x	x	x	x			380	110	280		1 x 28-60 ³		254	354	230
							14.96	4.33	11.02		1 x 1.10-2.36		10.00	13.94	9.06
	x ¹	x ¹	x ¹	x ¹			560	110	280		1 x 28-60 ³		254	534	230
							22.05	4.33	11.02		1 x 1.10-2.36		10.00	21.02	9.06
					x		560	110	280		2 x 28-60 ³		254	534	230
							22.05	4.33	11.02		2 x 1.10-2.36		10.00	21.02	9.06
						x	560	110	280		2 x 28-60 ³		254	534	280
							22.05	4.33	11.02		2 x 1.10-2.36		10.00	21.02	11.02
					x ¹		560	110	380		2 x 28-60 ³		354	534	230
							22.05	4.33	14.96		2 x 1.10-2.36		13.94	21.02	9.06
						x ¹	560	110	380		2 x 28-60 ³		354	534	280
							22.05	4.33	14.96		2 x 1.10-2.36		13.94	21.02	11.02

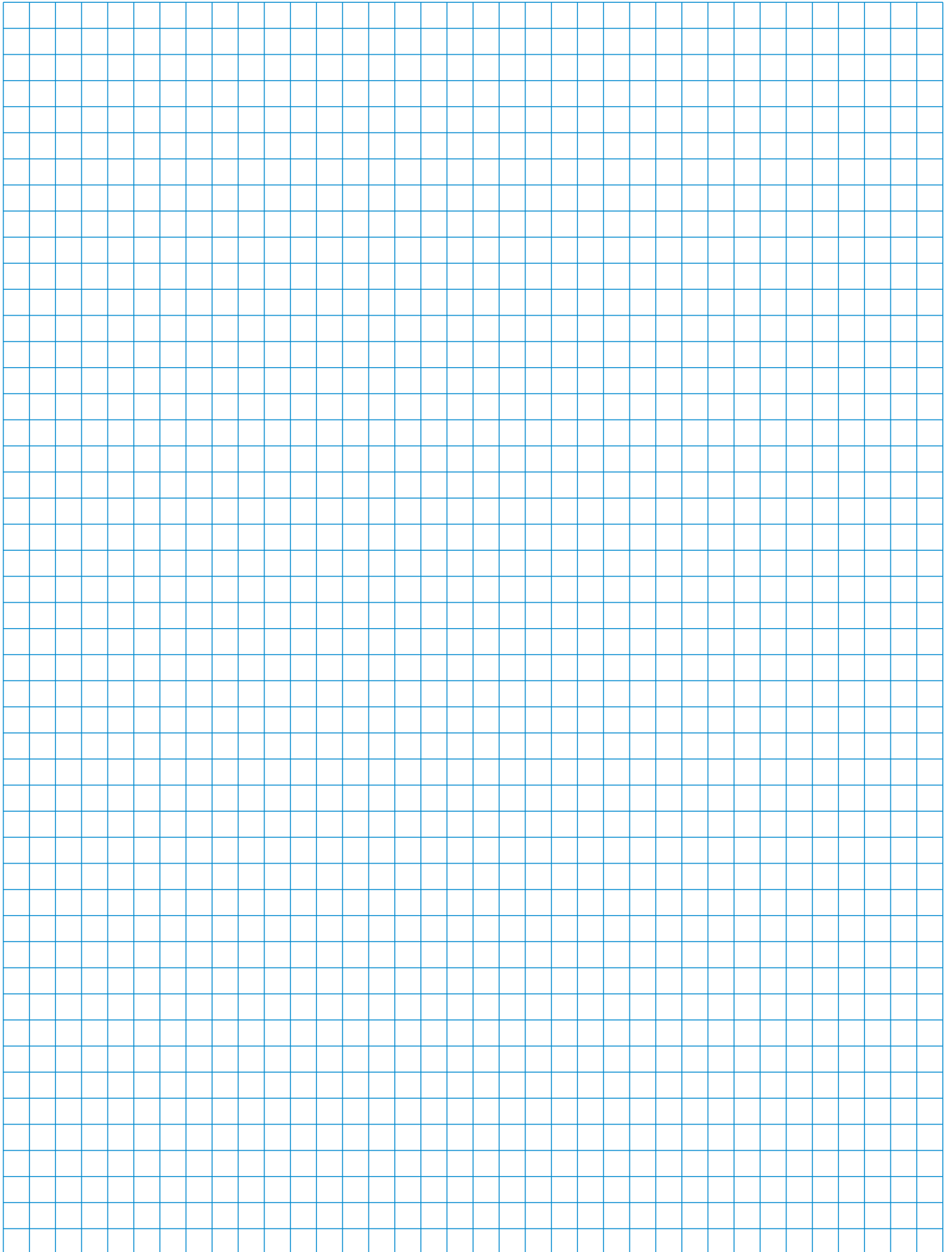
¹Oversized wiring space. ²Pole 4 and 4+2. ³outside cable diameter

NOTES





NOTES



The Range of “Blue Line” Switchgear

Technical literature covering the following products is available on request.

	Catalog Number
Main Switches and Main Switches with Emergency Function 16 A-315 A Maintenance Switches 20 A-315 A Switch Disconnectors 20 A-315 A According to IEC 60947-3, EN 60947-3, VDE 0660 part 107, IEC 60204, EN 60204 and VDE 0113	500
CL Switches 10 A-20 A C, CA and CAD Switches 10 A-315 A and L Switches 350 A-2400 A C, CA and CAD switches are designed for universal application. They are recommended for instrument, isolator, double-throw and motor control. L switches are designed for load and off-load applications. They are used to switch resistive or low inductive loads.	100
Optional Extras and Enclosures The complete product line, a large number of optional extras is available, including door interlocks, push-pull devices, cylinder and padlock attachments, control and indicator devices, AC motor drives, as well as enclosures, both insulated and metal.	101
A and AD Switches 6 A-25 A A and AD switches have 4 contacts in each switching stage. These switches provide an extensive range of switch functions and require a minimum mounting depth. Up to 36 switching positions are possible, with availability of 48 contacts per 12 stage switch column.	110
CG, CH and CHR Switches 10 A-25 A Ultra compact CG, CH and CHR switches are ideally suited for control and instrumentation applications. Switch terminals are “finger-proof” and conveniently accessible for wiring and are delivered open. All CG4 switches offer specially designed gold plated contacts or H-bridges with “cross-wire” contact systems, which facilitates their use in electronic circuitry and chemically aggressive environments.	120
DH, DHR, DK and DKR Switches 6 A-16 A DH, DHR, DK and DKR switches incorporate unique corrosion resistant contacts that permit operation on system voltage as low as 1 V. They have fully enclosed and protected contacts which can be operated either by rotary and/or lateral handle movement. D switches are used in calibration and semiconductor circuits. They are also used for relay and contactor control.	130
X Switches 200 A-630 A X switches can be applied for load, tap and gang switching duties. They incorporate 6 contacts in each switching stage. Their compact design provides a minimum length dimension for mounting purposes.	140
KG Switches 20 A-315 A and KH and KHR Switches 16 A-80 A KG, KH and KHR switches are excellent circuit interruptors. They have high through fault and fault making capacities and are especially designed for use as isolators and safety switches for machine tools, distribution panels and switchboards. KG ON/OFF switches offer unusually high dimensioned air and creepage distances between terminals which are designed for time saving “straight-line” wiring. ON/OFF switches are available with up to 8 poles and double-throw switches are available with up to 4 poles.	150
Contactors 16 A-115 A and Motor Starters 1,1 kW-55 kW These include control relays, motor contactors, two and four pole output contactors, heating contactors, thermal overload relays.	200
Push Buttons and Pilot Lights, 22,5 mm Ø A complete range of state-of-the-art push buttons and pilot lights represent an ideal combination of functional security and economical efficiency in a modular design.	302

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