Kraus & Naimer

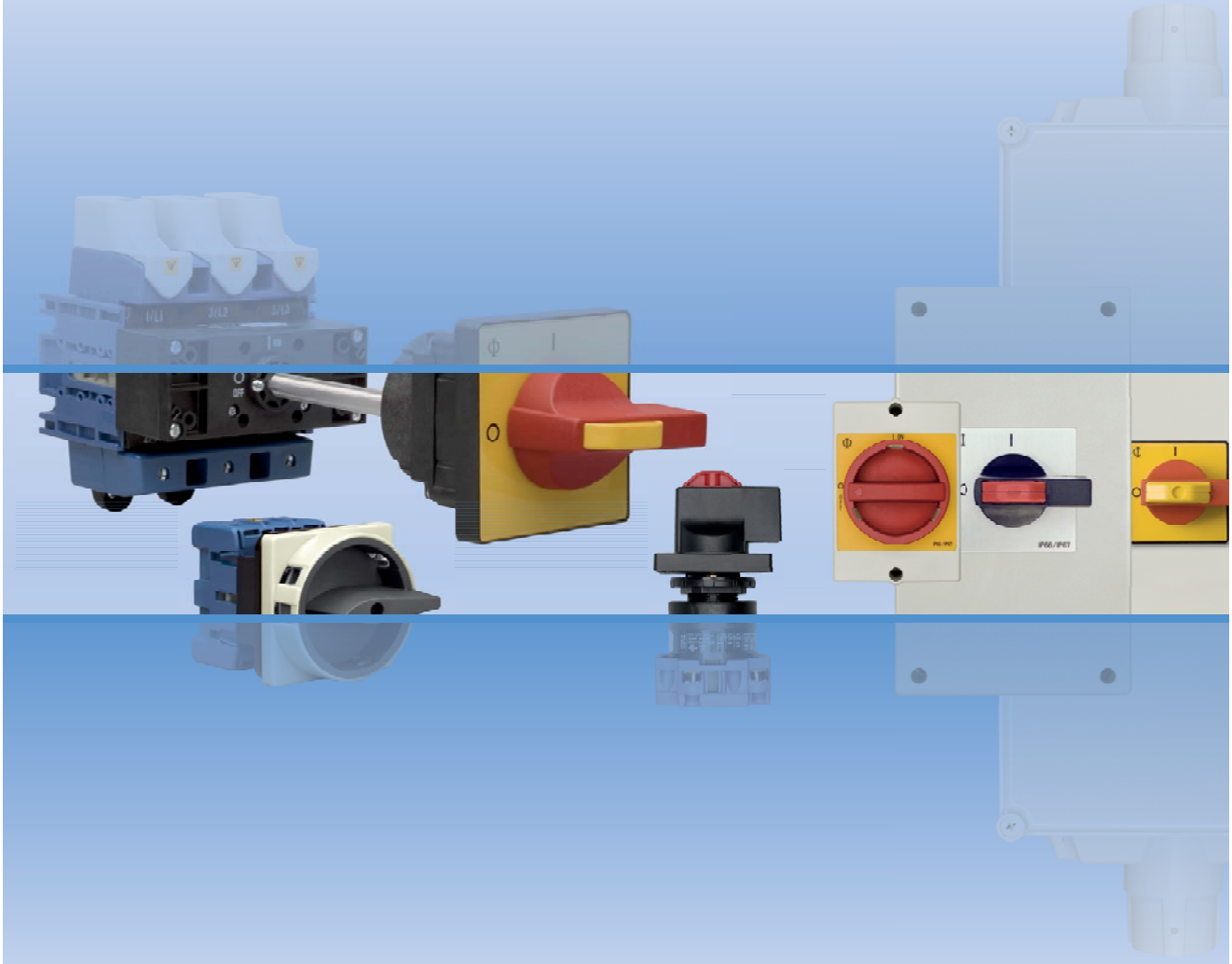
BLUE LINE switchgear

since 1907

Catalog 500
Main Switches and Maintenance Switches

02/2010

Switch Disconnectors of the KG and KH series



Kraus & Naimer

The development of the Blue Line rotary switch, contactor and motor starter product ranges is based on more than hundred 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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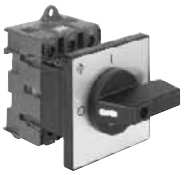
Switch disconnectors of the KG-series



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.

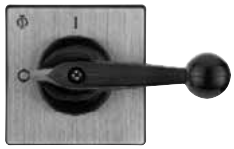
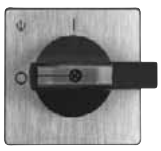
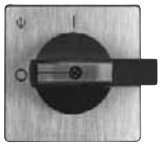
Notes:

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** in mm	**Padlocks** Max. Pad-lock	 Shackle in mm	**Standard for Switch Types** Further variations on request.
 KG210, KG250, KG315	48 x 48 64 x 64 88 x 88 130 x 130	– – – –	– – – –	Four hole panel mounting, base mounting **KG10A, KG 20A, KG32A, KG41, KG64, KH16, KH20, KH25** Single hole mounting 22 mm **KG10A, KG20A, KG32A, KH16, KH20, KH25** Direct-mounting on printed circuit board **KG21A, KG33A** Four hole panel mounting, base mounting **KG10B, KG20B, KG32B, KG41B, KG64B, KG80, KG100, KH16B, KH20B, KH25B, KH32, KH40, KH63, KH80** **KG80C, KG100C, KG125, KG160, KG210, KG250, KG315** **C316**
	74 x 74	3	9	In enclosure **KG10, KG20, KG20B, KG32, KG32B, KG41, KG41B, KG64, KG64B, KG80, KG100** **KH16, KH20, KH25, KH32, KH40, KH63, KH80**
	64 x 64 88 x 88	3 3	9 10	Four hole panel mounting, base mounting **KG10B, KG20B, KG32B, KG41B, KG64B, KG80, KG100, KH16B, KH20B, KH25B, KH32, KH40, KH63, KH80** Single hole mounting 22 mm **KG10B, KG20B, KG32B, KH16, KH20, KH25, KH32, KH40** Four hole panel mounting **KG80C, KG100C, KG125, KG160** Base mounting **KG125, KG160** In enclosure **KG80C, KG100C, KG125, KG160**
	48 x 48 64 x 64 88 x 88 130 x 130	3 4 3 4 4 4	7 or 5 8 or 5 9 9	Four hole panel mounting, base mounting **KG10A, KG20A, KG32A, KG41, KG64, KH16, KH20, KH25** Single hole mounting 22 mm **KG10A, KG20A, KG32A, KH16, KH20, KH25** Four hole panel mounting or Single hole mounting 22 mm, base mounting **KG10B, KG20B, KG32B, KG41B, KG64B, KG80, KG100, KH16B, KH20B, KH25B, KH32, KH40, KH63, KH80** In enclosure **KG10, KG20, KG20B, KG32, KG32B, KG41, KG41B, KG64, KG64B, KG80, KG100** Four hole panel mounting **KG80C, KG100C, KG125, KG160, KG210, KG250, KG315** **KG41B T..3/81 E, KG64B T..3/81 E** In enclosure **KG80C, KG100C, KG125, KG160, KG250, KG315** Four hole panel mounting and in enclosure **C316**
	88 x 88	4	9	Four hole panel mounting **KG250, KG315**
	88 x 88	3	9	Base mounting **KG20B, KG32B, KG41B, KG64B, KG80, KG100, KG125, KG160, KG210, KG250, KG315, KH32, KH40, KH63, KH80, C316** With integrated door clutch. Using the device the electrical panel may be opened only when the switch is in the OFF position and no padlock is fitted. Note: Only in the ON position can knowledge-able personnel using a simple tool to defeat the interlock. The M700's flexibility allows for successful installation with as much as + or – 5 mm of misalignment between the shaft and door.

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 open = I_{th}	A	20	16	25	20	25	32	32	40
I_{the} enclosed	A	20	16	25	20	25	32	32	40
Breaking capacity 220 V/240 V	A	120	160	180	200	250	220	300	300
380 V/440 V	A	120	160	180	200	250	220	300	300
660 V/690 V	A	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 **3 phase, 3 pole**									
switching of 220 V/240 V	kW	2,2	3	4	3,5	4	5,5	5,5	7,5
single motors 380 V/440 V	kW	3,7	5,5	5,5	6,5	7,5	7,5	11	11
660 V/690 V	kW	3,7	5,5	5,5	6,5	7,5	7,5	11	11
1 phase, 2 pole									
220 V/240 V	kW	1,1	1,5		2	2,5		3	
380 V/440 V	kW	1,5	2,5		3,2	5		5,5	
AC-23A, Switch dis- **3 phase, 3 pole**									
AC-23B connectors 220 V/240 V	kW	3	4,5	5,5	5,5	7	5,5	9	7,5
for motor 380 V/440 V	kW	5,5	7,5	7,5	10	12	11	16	15
circuits, main 660 V/690 V	kW	5,5	13	7,5	15	17	11	22	15
switches etc. **1 phase, 2 pole**									
220 V/240 V	kW	1,5	2		2,5	3,3		4,2	
380 V/440 V	kW	2,2	3,7		4,5	5,5		7,5	
Power loss per contact at I_u	W	0,9	0,2	0,7	0,3	0,3	1,1	0,4	1
Resistance to vibration[7]		C	C	A	C	C	A	C	A
Resistance to shock[7]		C	C	B	C	C	B	C	B
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 Gage[6]									
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
Flexible AWG wires (without sleeve)	AWG	12	12	10	12	12	10	10	6
	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 open = I_{th}	A	20	10	10	10	10	10	10	16
I_{the} enclosed	A	20	10	10	10	10	10	10	16
AC-15 Operational current I_e									
220 V/240 V	A	6	2,5	2,5	2,5	2,5	2,5	2,5	6
380 V/440 V	A	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 Gage[6]									
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
Flexible wire with sleeve	mm^2	2,5	1,5	1,5	1,5	1,5	1,5	1,5	2,5
Flexible AWG wires (without sleeve)	AWG	12	16	16	16	16	16	16	14

[1]Valid for lines with grounded common neutral termination, overvoltage category III, pollution degree 3. Values for other supply systems on request. [2]Suitable for no load switching applications (AC-20A) above 690 V. [3]The value after the slash is valid for switches 6 pole. [4]Connecting 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
					on request						
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	6	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

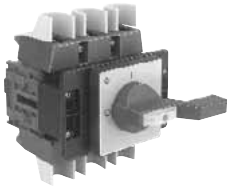
[5]**The switches of the KG- and KH-series shown in this catalog are approved by UL and CSA as „disconnect switches for use in motor circuits“. Exception: Switches in enclosure.** [6]Use copper wire only. [7]A: min. 4 g, 2-100 Hz, 1,6 mm. B: min. 5 g, 6 ms. C: on request.
Storage temperature for all 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		**220 V/240 V**	**2 pole**			**2 pole**		
	20 A	1,5 kW / 120 A	KG10B	T102/01 E	01367 8	KG10B	T202/01 E	01375 3
		3 x 380 V/440 V	**3 pole**			**3 pole**		
	20 A	5,5 kW / 120 A	KG10B	T103/01 E	01044 8	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
88 x 88	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		**220 V/240 V**	**2 pole**			**2 pole**		
	20 A	1,5 kW / 120 A	KG10A	T102/04 E	01368 5	KG10A	T202/04 E	01376 0
		3 x 380 V/440 V	**3 pole**			**3 pole**		
	20 A	5,5 kW / 120 A	KG10A	T103/04 E	01046 2	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
		220 V/240 V	**2 pole**			**2 pole**		
64 x 64	20 A	1,5 kW / 120 A	KG10B	T102/04 E	01369 2	KG10B	T202/04 E	01377 7
		3 x 380 V/440 V	**3 pole**			**3 pole**		
	20 A	5,5 kW / 120 A	KG10B	T103/04 E	01047 9	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
88 x 88	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
130 x 130	315 A	132 kW/2000 A	C316	T103/05 E	00029 6	C316	T203/05 E	00071 5

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

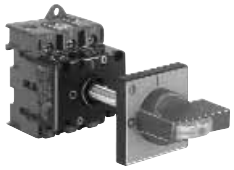
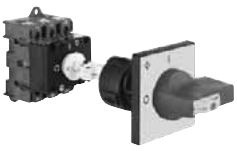
Main Switches and Main Switches with Emergency Function
3 pole, for Four Hole Panel Mounting

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 		**220 V/240 V**	**2 pole**		**2 pole**	
	20 A	1,5 kW / 120 A	KG10B T102/01 FT2	01372 2	KG10B T202/01 FT2	01380 7
		3 x 380 V/440 V	**3 pole**		**3 pole**	
	20 A	5,5 kW / 120 A	KG10B T103/01 FT2	01048 6	KG10B T203/01 FT2	01053 0
	25 A	7,5 kW / 180 A	KG20B T103/01 FT2	00085 2	KG20B T203/01 FT2	00089 0
	32 A	11 kW / 220 A	KG32B T103/01 FT2	00086 9	KG32B T203/01 FT2	00090 6
IP 66 48 x 48 		**220 V/240 V**	**2 pole**		**2 pole**	
	20 A	1,5 kW / 120 A	KG10A T102/04 FT2	01370 8	KG10A T202/04 FT2	01378 4
		3 x 380 V/440 V	**3 pole**		**3 pole**	
	20 A	5,5 kW / 120 A	KG10A T103/04 FT2	01054 7	KG10A T203/04 FT2	01072 1
	25 A	7,5 kW / 180 A	KG20A T103/04 FT2	01130 8	KG20A T203/04 FT2	01152 0
	32 A	11 kW / 220 A	KG32A T103/04 FT2	01131 5	KG32A T203/04 FT2	01153 7
64 x 64		**220 V/240 V**	**2 pole**		**2 pole**	
	20 A	1,5 kW / 120 A	KG10B T102/04 FT2	01371 5	KG10B T202/04 FT2	01379 1
		3 x 380 V/440 V	**3 pole**		**3 pole**	
	20 A	5,5 kW / 120 A	KG10B T103/04 FT2	01055 4	KG10B T203/04 FT2	01073 8
	25 A	7,5 kW / 180 A	KG20B T103/04 FT2	01056 1	KG20B T203/04 FT2	01074 5
	32 A	11 kW / 220 A	KG32B T103/04 FT2	01057 8	KG32B T203/04 FT2	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

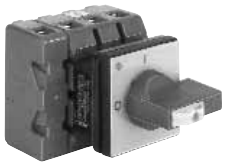
Version Protection Escutcheon plate in mm	**Thermal Current** I_u/I_{th}	**Ratings AC-23A, AC-23B Breaking Capacity**	**Main Switches** Handle black	**EAN-Code** 9004257	**Main Switches with Emergency Function** Handle red Contrasting yellow plate	**EAN-Code** 9004257
IP 66 48 x 48		**220 V/240 V**	**2 pole**		**2 pole**	
	20 A	1,5 kW / 120 A	KG10A T102/68 VE	01373 9	KG10A T202/68 VE	01381 4
		3 x 380 V/440 V	**3 pole**		**3 pole**	
	20 A	5,5 kW / 120 A	KG10A T103/68 VE	01060 8	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
64 x 64		**220 V/240 V**	**2 pole**		**2 pole**	
	20 A	1,5 kW / 120 A	KG10B T102/68 VE	01374 6	KG10B T202/68 VE	01382 1
		3 x 380 V/440 V	**3 pole**		**3 pole**	
	20 A	5,5 kW / 120 A	KG10B T103/68 VE	01065 3	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		**3 x 380 V/440 V**	**3 pole**		**3 pole**	
	20 A	5,5 kW / 120 A	KG10B T103/93 VE	06347 5	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
Misalignment between the shaft and operator is compensated for by a centering device.						
IP 66 64 x 64		**3 x 380 V/440 V**	**3 pole**		**3 pole**	
	20 A	5,5 kW / 120 A	KG10B T103/94 VE	06361 1	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
	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
Misalignment between the shaft and operator is compensated for by a centering device.						

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 66/67 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
64 x 64	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

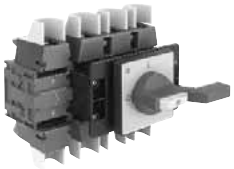
Using the device the electrical panel may be opened only when the switch is in the OFF position and no padlock is fitted. Note: Only in the ON position can knowledgeable personnel using a simple tool to defeat the interlock. The M700's flexibility allows for successful installation with as much as + or – 5 mm of misalignment between the shaft and door.

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

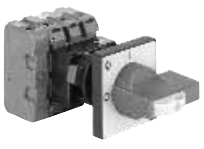
Version Protection Escutcheon plate in mm	Thermal Current I_u/I_{th}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle black	EAN-Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN-Code 9004257
IP 66 64 x 64	16 A	7,5 kW / 160 A	KH16B 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

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

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

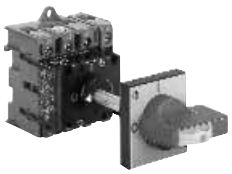
Version Protection Escutcheon plate in mm	**Thermal Current** I_u/I_{th}	**Ratings AC-23A, AC-23B Breaking Capacity** 3 x 380 V/440 V	**Main Switches** Handle black	**EAN-Code** 9004257	**Main Switches with Emergency Function** Handle red Contrasting yellow plate	**EAN-Code** 9004257
IP 66 88 x 88 	250 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	7,5 kW / 160 A	KH16 T104/01 FH3	07109 8	KH16 T204/01 FH3	07112 8
	20 A	10 kW / 200 A	KH20 T104/01 FH3	07110 4	KH20 T204/01 FH3	07113 5
	25 A	12 kW / 250 A	KH25 T104/01 FH3	07111 1	KH25 T204/01 FH3	07114 2
	32 A	16 kW / 300 A	KH32 T104/01 FH3	06668 1	KH32 T204/01 FH3	06670 4
	40 A	20 kW / 380 A	KH40 T104/01 FH3	06669 8	KH40 T204/01 FH3	06671 1
	63 A	30 kW / 500 A	KH63 T104/01 FH3[1]	08908 6	KH63 T204/01 FH3[1]	08909 3
	80 A	40 kW / 630 A	KH80 T104/01 FH3[1]	08910 9	KH80 T204/01 FH3[1]	08911 6
IP 66 48 x 48 	16 A	7,5 kW / 160 A	KH16 T104/04 FT2	07115 9	KH16 T204/04 FT2	07118 0
	20 A	10 kW / 200 A	KH20 T104/04 FT2	07116 6	KH20 T204/04 FT2	07119 7
	25 A	12 kW / 250 A	KH25 T104/04 FT2	07117 3	KH25 T204/04 FT2	07120 3
	32 A	11 kW / 220 A	KG32A T104/04 FT2	01266 4	KG32A T204/04 FT2	01272 5
64 x 64	16 A	7,5 kW / 160 A	KH16 T104/04 FH3	07121 0	KH16 T204/04 FH3	07124 1
	20 A	10 kW / 200 A	KH20 T104/04 FH3	07122 7	KH20 T204/04 FH3	07125 8
	25 A	12 kW / 250 A	KH25 T104/04 FH3	07123 4	KH25 T204/04 FH3	07126 5
	32 A	16 kW / 300 A	KH32 T104/04 FH3	06672 8	KH32 T204/04 FH3	06674 2
	40 A	20 kW / 380 A	KH40 T104/04 FH3	06673 5	KH40 T204/04 FH3	06675 9
	63 A	30 kW / 500 A	KH63 T104/04 FH3[1]	08912 3	KH63 T204/04 FH3[1]	08913 0
	80 A	40 kW / 630 A	KH80 T104/04 FH3[1]	08914 7	KH80 T204/04 FH3[1]	08915 4

[1]For 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

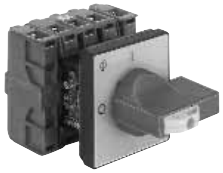
Version Protection Escutcheon plate in mm	**Thermal Current** I_u/I_{th}	**Ratings AC-23A, AC-23B Breaking Capacity** 3 x 380 V/440 V	**Main Switches** Handle black	**EAN-Code** 9004257	**Main Switches with Emergency Function** Handle red Contrasting yellow plate	**EAN-Code** 9004257
IP 66 48 x 48	16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

Main Switches and Main Switches with Emergency Function
4 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	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
IP 66/67 48 x 48	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
64 x 64	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
	100 A	37 kW / 650 A	KG100 T104/65 VE	01165 0	KG100 T204/65 VE	01177 3
88 x 88	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
IP 66 88 x 88	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
	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

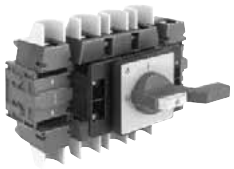
Using the device the electrical panel may be opened only when the switch is in the OFF position and no padlock is fitted. Note: Only in the ON position can knowledgeable personnel using a simple tool to defeat the interlock. The M700's flexibility allows for successful installation with as much as + or – 5 mm of misalignment between the shaft and door.

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

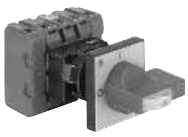
Version Protection Escutcheon plate in mm	**Thermal Current** I_u/I_{th}	**Ratings AC-23A, AC-23B Breaking Capacity** 3 x 380 V/440 V	**Main Switches** Handle black	**EAN-Code** 9004257	**Main Switches with Emergency Function** Handle red Contrasting yellow plate	**EAN-Code** 9004257
IP 66 64 x 64	25 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

[1]C316 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 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 T105/66 E KG315 T105/66 E	01584 9 01585 6	KG250 T205/66 E KG315 T205/66 E	01586 3 01587 0

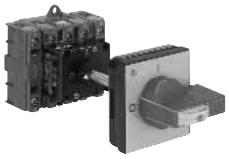
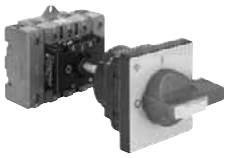
Main Switches and Main Switches with Emergency Function
3 pole + Ground and Neutral Terminal,
for Single Hole Mounting 22 mm

Version 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 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

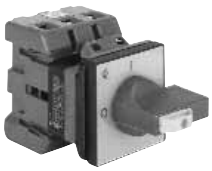
Version Protection Escutcheon plate in mm	**Thermal Current** I_u/I_{th}	**Ratings AC-23A, AC-23B Breaking Capacity** 3 x 380 V/440 V	**Main Switches** Handle black	**EAN-Code** 9004257	**Main Switches with Emergency Function** Handle red Contrasting yellow plate	**EAN-Code** 9004257
IP 66 48 x 48	25 A	7,5 kW / 180 A	KG20A T105/68 VE	01524 5	KG20A T205/68 VE	01529 0
	32 A	11 kW / 220 A	KG32A T105/68 VE	01525 2	KG32A T205/68 VE	01530 6
	40 A	15 kW / 300 A	KG41 T105/68 VE	01526 9	KG41 T205/68 VE	01531 3
	63 A	22 kW / 350 A	KG64 T105/68 VE	01527 6	KG64 T205/68 VE	01532 0
64 x 64	25 A	7,5 kW / 180 A	KG20B T105/68 VE	01607 5	KG20B T205/68 VE	01608 2
	32 A	11 kW / 220 A	KG32B T105/68 VE	01609 9	KG32B T205/68 VE	01610 5
	40 A	15 kW / 300 A	KG41B T105/68 VE	01611 2	KG41B T205/68 VE	01612 9
	63 A	22 kW / 350 A	KG64B T105/68 VE	01613 6	KG64B T205/68 VE	01614 3
	80 A	30 kW / 560 A	KG80 T105/68 VE	01615 0	KG80 T205/68 VE	01616 7
	100 A	37 kW / 650 A	KG100 T105/68 VE	01617 4	KG100 T205/68 VE	01618 1
IP 66 64 x 64 Misalignment between the shaft and operator is compensated for by a centering device.	25 A	7,5 kW / 180 A	KG20B T105/93 VE	06403 8	KG20B T205/93 VE	06409 0
	32 A	11 kW / 220 A	KG32B T105/93 VE	06404 5	KG32B T205/93 VE	06410 6
	40 A	15 kW / 300 A	KG41B T105/93 VE	06405 2	KG41B T205/93 VE	06411 3
	63 A	22 kW / 350 A	KG64B T105/93 VE	06406 9	KG64B T205/93 VE	06412 0
	80 A	30 kW / 560 A	KG80 T105/93 VE	06407 6	KG80 T205/93 VE	06413 7
	100 A	37 kW / 650 A	KG100 T105/93 VE	06408 3	KG100 T205/93 VE	06414 4
IP 66 64 x 64 Misalignment between the shaft and operator is compensated for by a centering device.	25 A	7,5 kW / 180 A	KG20B T105/94 VE	06415 1	KG20B T205/94 VE	06421 2
	32 A	11 kW / 220 A	KG32B T105/94 VE	06416 8	KG32B T205/94 VE	06422 9
	40 A	15 kW / 300 A	KG41B T105/94 VE	06417 5	KG41B T205/94 VE	06423 6
	63 A	22 kW / 350 A	KG64B T105/94 VE	06418 2	KG64B T205/94 VE	06424 3
	80 A	30 kW / 560 A	KG80 T105/94 VE	06419 9	KG80 T205/94 VE	06425 0
	100 A	37 kW / 650 A	KG100 T105/94 VE	06420 5	KG100 T205/94 VE	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	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
 88 x 88	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 66/67 48 x 48	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
 64 x 64	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	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
 Using the device the electrical panel may be opened only when the switch is in the OFF position and no padlock is fitted. Note: Only in the ON position can knowledgeable personnel using a simple tool to defeat the interlock. The M700's flexibility allows for successful installation with as much as + or – 5 mm of misalignment between the shaft and door.	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

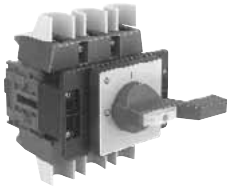
Auxiliary contacts with special contact systems allow for use in low voltage and current applications as well aggressive environments.

Version 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	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

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

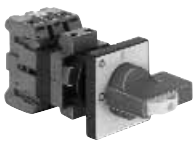
Main Switches and Main Switches with Emergency Function
3 pole + 1 cam- or rack-operated auxiliary contact (NO),
for Four Hole Panel Mounting

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

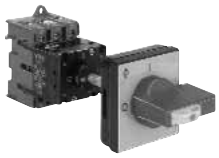
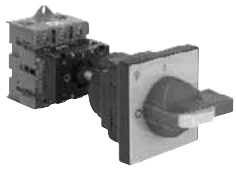
Main Switches and Main Switches with Emergency Function
3 pole + 1 cam-operated auxiliary contact (NO), **for Base Mounting with Door Clutch, Padlock Device and Single Hole Mounting 22 mm**

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	5,5 kW / 120 A	KG10A T103/72 VE	01342 5	KG10A T203/72 VE	01354 8
	25 A	7,5 kW / 180 A	KG20A T103/72 VE	01344 9	KG20A T203/72 VE	01356 2
	32 A	11 kW / 220 A	KG32A T103/72 VE	01346 3	KG32A T203/72 VE	01358 6
	40 A	15 kW / 300 A	KG41 T103/72 VE	01348 7	KG41 T203/72 VE	01360 9
	63 A	22 kW / 350 A	KG64 T103/72 VE	01350 0	KG64 T203/72 VE	01362 3
64 x 64	20 A	5,5 kW / 120 A	KG10B T103/72 VE	01343 2	KG10B T203/72 VE	01355 5
	25 A	7,5 kW / 180 A	KG20B T103/72 VE	01345 6	KG20B T203/72 VE	01357 9
	32 A	11 kW / 220 A	KG32B T103/72 VE	01347 0	KG32B T203/72 VE	01359 3
	40 A	15 kW / 300 A	KG41B T103/72 VE	01349 4	KG41B T203/72 VE	01361 6
	63 A	22 kW / 350 A	KG64B T103/72 VE	01351 7	KG64B T203/72 VE	01363 0
	80 A	30 kW / 560 A	KG80 T103/72 VE	01352 4	KG80 T203/72 VE	01364 7
	100 A	37 kW / 650 A	KG100 T103/72 VE	01353 1	KG100 T203/72 VE	01365 4
IP 66 64 x 64 Misalignment between the shaft and operator is compensated for by a centering device.	20 A	5,5 kW / 120 A	KG10B T103/95 VE	06427 4	KG10B T203/95 VE	06434 2
	25 A	7,5 kW / 180 A	KG20B T103/95 VE	06428 1	KG20B T203/95 VE	06435 9
	32 A	11 kW / 220 A	KG32B T103/95 VE	06429 8	KG32B T203/95 VE	06436 6
	40 A	15 kW / 300 A	KG41B T103/95 VE	06430 4	KG41B T203/95 VE	06437 3
	63 A	22 kW / 350 A	KG64B T103/95 VE	06431 1	KG64B T203/95 VE	06438 0
	80 A	30 kW / 560 A	KG80 T103/95 VE	06432 8	KG80 T203/95 VE	06439 7
	100 A	37 kW / 650 A	KG100 T103/95 VE	06433 5	KG100 T203/95 VE	06440 3
IP 66 64 x 64 Misalignment between the shaft and operator is compensated for by a centering device.	20 A	5,5 kW / 120 A	KG10B T103/96 VE	06441 0	KG10B T203/96 VE	06448 9
	25 A	7,5 kW / 180 A	KG20B T103/96 VE	06442 7	KG20B T203/96 VE	06449 6
	32 A	11 kW / 220 A	KG32B T103/96 VE	06443 4	KG32B T203/96 VE	06450 2
	40 A	15 kW / 300 A	KG41B T103/96 VE	06444 1	KG41B T203/96 VE	06451 9
	63 A	22 kW / 350 A	KG64B T103/96 VE	06445 8	KG64B T203/96 VE	06452 6
	80 A	30 kW / 560 A	KG80 T103/96 VE	06446 5	KG80 T203/96 VE	06453 3
	100 A	37 kW / 650 A	KG100 T103/96 VE	06447 2	KG100 T203/96 VE	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 66/67 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
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
	100 A	37 kW / 650 A	KG100 T103/69 VE	01329 6	KG100 T203/69 VE	01341 8
IP 66 88 x 88 	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

Using the device the electrical panel may be opened only when the switch is in the OFF position and no padlock is fitted. Note: Only in the ON position can knowledgeable personnel using a simple tool to defeat the interlock. The M700's flexibility allows for successful installation with as much as + or – 5 mm of misalignment between the shaft and door.

Maintenance and Safety Switches
3 pole,
in Plastic Enclosure (conduit entries for metric threads)

Version Protection IP 66/67	Padlock Device	Thermal Current I_{the}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle electro-gray Handle black		EAN-Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN-Code 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

[1]Protection IP 65. [2]For conduit entries M25 in place of M20 the ordering data changes from KL51V to KL11V and from KL51 to KL11. [3]Switches 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 Protection IP 66/67	Padlock Device	Thermal Current I_{the}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle electro-gray Handle black		EAN-Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate		EAN-Code 9004257
		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

[1]Protection IP 65. [2]For conduit entries M25 in place of M20 the ordering data changes from KL51V to KL11V and from KL51 to KL11. [3]Switches 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 Protection IP 66/67	Padlock Device	Thermal Current I_{the}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle electro-gray Handle black	EAN-Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN-Code 9004257
		20 A 16 A	5,5 kW / 120 A 7,5 kW / 160 A	KG10 T104/33 KS51V KH16 T104/33 KS51V	06859 3 08805 8	KG10 T204/33 KS51V KH16 T204/33 KS51V	06860 9 08807 2
		20 A 16 A	5,5 kW / 120 A 7,5 kW / 160 A	KG10 T104/75 KS51 KH16 T104/75 KS51	06863 0 08806 5	KG10 T204/75 KS51 KH16 T204/75 KS51	06864 7 08808 9
		20 A 25 A 32 A 40 A 63 A 80 A 100 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	KH20 T104/33 KL11V KH25 T104/33 KL11V KH32 T104/33 KL11V KH40 T104/33 KL11V KH63 T104/33 KL71V KH80 T104/33 KL71V KG100 T104/33 KL71V	08809 6 08811 9 08813 3 08814 0 08815 7 08816 4 07464 8	KH20 T204/33 KL11V KH25 T204/33 KL11V KH32 T204/33 KL11V KH40 T204/33 KL11V KH63 T204/33 KL71V KH80 T204/33 KL71V KG100 T204/33 KL71V	08810 2 08812 6 08837 9 08838 6 08839 3 08840 9 07465 5
		20 A 25 A 32 A 40 A 63 A 80 A 100 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	KH20 T104/75 KL11 KH25 T104/75 KL11 KH32 T104/75 KL11 KH40 T104/75 KL11 KH63 T104/75 KL71 KH80 T104/75 KL71 KG100 T104/75 KL71	08817 1 08818 8 08819 5 08820 1 08861 4 08862 1 06889 0	KH20 T204/75 KL11 KH25 T204/75 KL11 KH32 T204/75 KL11 KH40 T204/75 KL11 KH63 T204/75 KL71 KH80 T204/75 KL71 KG100 T204/75 KL71	08841 6 08842 3 08843 0 08844 7 08845 4 08846 1 06890 6
		125 A 160 A	45 kW / 750 A 55 kW / 850 A	KG125 T104/35 STM KG160 T104/35 STM	06891 3 06893 7	KG125 T204/35 STM KG160 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 T104/77 STM KG160 T104/77 STM KG250 T104/36 STM KG315 T104/36 STM[1] C316 T104/37 STM[1]	06895 1 06897 5 06899 9 06901 9 06903 3	KG125 T204/77 STM KG160 T204/77 STM KG250 T204/36 STM KG315 T204/36 STM[1] C316 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 T104/38 STM KG160 T104/38 STM	06905 7 06907 1	KG125 T204/38 STM KG160 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 T104/36 STM KG160 T104/36 STM KG250 T104/47 STM[1] KG315 T104/47 STM[1] C316 T104/39 STM[1]	06909 5 06911 8 06913 2 06915 6 06917 0	KG125 T204/36 STM KG160 T204/36 STM KG250 T204/47 STM[1] KG315 T204/47 STM[1] C316 T204/39 STM[1]	06910 1 06912 5 06914 9 06916 3 06918 7

[1]Switches 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 Protection IP 66/67	Padlock Device	Thermal Current I_{the}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle electro-gray Handle black	EAN-Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN-Code 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
		100 A	37 kW / 650 A	KG100 T104/78 KL71	06945 3	KG100 T204/78 KL71	06946 0
		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

[1] Switches 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 Protection IP 66/67	Padlock Device	Thermal Current I_{the}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle electro-gray Handle black	EAN-Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN-Code 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	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

[1]Protection IP 65. [2]Switches 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 Protection IP 66/67	Padlock Device	Thermal Current I_{the}	Ratings AC-23A, AC-23B Breaking Capacity 3 x 380 V/440 V	Main Switches Handle electro-gray Handle black	EAN-Code 9004257	Main Switches with Emergency Function Handle red Contrasting yellow plate	EAN-Code 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

[1]Protection IP 65. [2]Switches 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		KG10A KG10B	KG20A KG20B KG21A[2]	KG32A KG32B KG33A[2]	KG41 KG41B	KG64 KG64B	KG80 KG80C	KG100 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

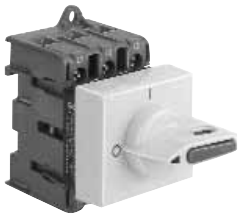
Version Protection	**Four Hole Panel Mounting**		**EAN-Code** 9004257
IP 66[1]	KG10A	T303 E	01096 7
	KG10B	T303 E	01286 2
	KG20A	T303 E	00799 8
	KG20B	T303 E	00800 1
	KG32A	T303 E	00801 8
	KG32B	T303 E	00802 5
	KG41	T303 E	00803 2
	KG41B	T303 E	00804 9
	KG64	T303 E	00805 6
	KG64B	T303 E	00806 3
	KG80	T303 E	00807 0
	KG80C	T303 E	00808 7
	KG100	T303 E	00809 4
	KG100C	T303 E	00810 0
	KG125	T303 E	00812 4
	KG160	T303 E	00813 1
	KG210	T303 E	07532 4
	KG250	T303 E	00815 5
	KG315	T303 E	00816 2
	C316	T303 E	00817 9
IP 66	**Single Hole Mounting 22 mm**		
	KG10A	T303 FT2	02602 9
	KG20A	T303 FT2	02603 6
	KG32A	T303 FT2	02604 3
On request	**Direct-mounting on Printed Circuit Board**		
	KG21A	T303 E	03234 1
	KG33A	T303 E	03235 8

Version Protection	**Base Mounting**		**EAN-Code** 9004257
IP 40	KG10A	T303 VE	01098 1
	KG10B	T303 VE	01287 9
	KG20A	T303 VE	00820 9
	KG20B	T303 VE	00821 6
	KG32A	T303 VE	00822 3
	KG32B	T303 VE	00823 0
	KG41	T303 VE	00824 7
	KG41B	T303 VE	00825 4
	KG64	T303 VE	00826 1
	KG64B	T303 VE	00827 8
	KG80	T303 VE	00828 5
	KG80C	T303 VE	00829 2
	KG100	T303 VE	00830 8
	KG100C	T303 VE	00831 5
	KG125	T303 VE	00833 9
	KG160	T303 VE	00834 6
	KG210	T303 VE	08371 8
	KG250	T303 VE	00836 0
	KG315	T303 VE	00837 7
	C316	T303 VE	00838 4
	and shaft extension		
IP 40	KG10A	T303/57 VE	01289 3
	KG10B	T303/57 VE	01290 9
	KG20A	T303/57 VE	00839 1
	KG20B	T303/57 VE	00840 7
	KG32A	T303/57 VE	00841 4
	KG32B	T303/57 VE	00842 1
	KG41B	T303/57 VE	00843 8
	KG64B	T303/57 VE	00844 5
	KG80	T303/57 VE	00845 2
	KG80C	T303/57 VE	00846 9
	KG100	T303/57 VE	00847 6
	KG100C	T303/57 VE	00848 3
	KG125	T303/57 VE	00850 6
	KG160	T303/57 VE	00851 3
	KG210	T303/57 VE	07533 1
	KG250	T303/57 VE	00853 7
	KG315	T303/57 VE	00854 4
	C316	T303/57 VE	00855 1

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

Switch Disconnectors ○ – I
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 ○ – I
3 pole + Ground Terminal

Switch Disconnectors ○ – I
3 pole + Neutral Terminal

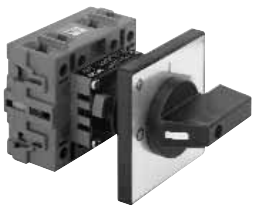
Technical Data		KH16 KH16B	KH20 KH20B	KH25 KH25B	KH32	KH40	KH63	KH80
Ratings								
3 x 380 V/440 V								
AC-23A, AC-23B	kW	7,5	10	12	16	20	30	40
AC-3	kW	5,5	6,5	7,5	11	15	22	30
Thermal Current I_u/I_{th}	A	16	20	25	32	40	63	80

Version Protection	**Four Hole Panel Mounting**	**EAN-Code** 9004257	**Version** Protection	**Four Hole Panel Mounting**	**EAN-Code** 9004257
IP 66			IP 66		
	KH16 T300 E	09313 7		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

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

Switch Disconnectors ○ – |
4 pole, Types of Mounting

Technical Data		KH16 KH16B	KH20 KH20B	KH25 KH25B	KH32	KH40	KH63	KH80	KG80 KG80C	KG100 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** 9004257
IP 66[1]	KH16	T304 E	07069 5
	KH16B	T304 E	07070 1
	KH20	T304 E	07071 8
	KH20B	T304 E	07072 5
	KH25	T304 E	07073 2
	KH25B	T304 E	07074 9
	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 FT2	07075 6
	KH20	T304 FT2	07076 3
	KH25	T304 FT2	07077 0
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

Version Protection	**Base Mounting**		**EAN-Code** 9004257
	KG160	T304 VE	00903 9
	KG210	T304 VE	07535 5
	KG250	T304 VE	00905 3
	KG315	T304 VE	00906 0
	C316	T304 VE	00907 7
	and shaft extension		
IP 40	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

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

Switch Disconnectors ○ – I
6 pole, Types of Mounting

Switch Disconnectors ○ – I
8 pole, Types of Mounting

Technical Data		KH16 KH16B	KG10A KG10B KH20 KH20B	KG20B KH25 KH25B	KG32B KH32	KG41B KH40	KG64B KH63	KG80 KG80C KH80	KG100 KG100C	KG125	KG160	C316
Ratings												
3 x 380 V/440 V												
AC-23A, AC-23B	kW	7,5	5,5/10[3]	7,5/12[3]	11/16[3]	15/20[3]	22/30[3]	30/40	37	45	55	132
AC-3	kW	5,5	3,7/6,5[3]	5,5/7,5[3]	7,5/11[3]	11/15[3]	18,5/22[3]	22/30	30	37	45	55
Thermal Current I_u/I_{th}	A	16	20	25	32	40	63	80	100	125	160	315

Version Protection	**Four Hole Panel Mounting**		**EAN-Code** 9004257
IP 66[1]	KG10A	T306 E	01296 1
	KG10B	T306 E	01297 8
	KG20B	T306 E	00925 1
	KG32B	T306 E	00926 8
	KG41B	T306 E	00927 5
	KG64B	T306 E	00928 2
	KG80	T306 E	00929 9
	KG80C	T306 E	00930 5
	KG100	T306 E	00931 2
	KG100C	T306 E	00932 9
	KG125	T306 E	03683 7
	KG160	T306 E	03685 1
	C316	T306 E	00935 0
IP 40	**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

Version Protection	**Four Hole Panel Mounting**		**EAN-Code** 9004257
IP 66	KH16	T308 E	09323 6
	KH16B	T308 E	09324 3
	KH20	T308 E	09325 0
	KH20B	T308 E	09326 7
	KH25	T308 E	09327 4
	KH25B	T308 E	09328 1
	KH32	T308 E	09329 8
	KH40	T308 E	09330 4
	KH63	T308 E[2]	09331 1
	KH80	T308 E[2]	09332 8

[1]C80, C125 and C316 protection IP 40. Higher protection available on request. [2]In preparation. [3]The 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		KH16 KH16B	KH20 KH20B	KG20A KG20B KH25 KH25B	KG32A KG32B KH32	KG41B KH40	KG64B KH63	KG80 KG80C KH80	KG100 KG100C	KG125	KG160	C316
Ratings												
3 x 380 V/440 V												
AC-23A, AC-23B	kW	7,5	10	7,5/12[3]	11/16[3]	15/20[3]	22/30[3]	30/40[3]	37	45	55	132
AC-3	kW	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
Thermal Current I_u/I_{th}	A	16	20	25	32	40	63	80	100	125	160	315

Version Protection	**Four Hole Panel Mounting**		**EAN-Code** 9004257
IP 66[1]	KG20A	T903 E	00958 9
	KG20B	T903 E	00959 6
	KG32A	T903 E	00960 2
	KG32B	T903 E	00961 9
	KG41B	T903 E	00962 6
	KG64B	T903 E	00963 3
	KG80	T903 E	00964 0
	KG80C	T903 E	00965 7
	KG100	T903 E	00966 4
	KG100C	T903 E	00967 1
	KG125	T903 E	03689 9
	KG160	T903 E	03691 2
	C316	T903 E	00970 1
IP 40	**Base Mounting**		
	KG20B	T903 VE	00971 8
	KG32B	T903 VE	00972 5
	KG41B	T903 VE	00973 2
	KG64B	T903 VE	00974 9
	KG80	T903 VE	00975 6
	KG80C	T903 VE	00976 3
	KG100	T903 VE	00977 0
	KG100C	T903 VE	00978 7
	KG125	T903 VE	03690 5
	KG160	T903 VE	03692 9
	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
IP 40	**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

Ausführung Schutzart	**Four Hole Panel Mounting**		**EAN-Code** 9004257
IP 66	**2 pole**		
	KH16	T902 E	09333 5
	KH16B	T902 E	09334 2
	KH20	T902 E	09335 9
	KH20B	T902 E	09336 6
	KH25	T902 E	09337 3
	KH25B	T902 E	09338 0
	KH32	T902 E	09339 7
	KH40	T902 E	09340 3
	KH63	T902 E	09341 0
	KH80	T902 E	09342 7
IP 66	**4 pole**		
	KH16	T904 E	09343 4
	KH16B	T904 E	09344 1
	KH20	T904 E	09345 8
	KH20B	T904 E	09346 5
	KH25	T904 E	09347 2
	KH25B	T904 E	09348 9
	KH32	T904 E	09349 6
	KH40	T904 E	09350 2
	KH63	T904 E[2]	09351 9
	KH80	T904 E[2]	09352 6

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

Switch Disconnectors ○ – | □
3, 4, and 6 pole, in Plastic Enclosure (conduit entries for metric threads)

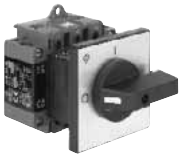
Technical Data		KH16	KG10 KH20	KG20 KG20B KH25	KG32 KG32B KH32	KG41 KG41B KH40	KG64 KG64B KH63	KG80 KH80	KG100	KG125	KG160	KG250	KG315	C316
Ratings														
3 x 380 V/440 V														
AC-23A, AC-23B	kW	7,5	5,5/10[4]	7,5/12[4]	11/16[4]	15/20[4]	22/30[4]	30/40[4]	37	45	55	90	110	132
AC-3	kW	5,5	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
Thermal Current I_{the}	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
	KG10	T303 KS51	07283 5
	KG20	T303 KS51	07284 2
	KG20	T303 KL51	07285 9
	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	T303/59 STM[1]	07291 0
	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		
	KG125	T303/61 STM	07296 5
	KG160	T303/61 STM	07297 2
	KG250	T303/63 STM[5]	07298 9
	KG315	T303/63 STM[5]	07299 6
	C316	T303/63 STM[5]	07300 9
	4 pole		
	KH16	T304 KS51	08763 1
	KH20	T304 KS11	08764 8
	KH25	T304 KL11	08765 5
	KH32	T304 KL11	08766 2
	KH40	T304 KL11	08767 9
	KH63	T304 KL71	08863 8
	KH80	T304 KL71	08864 5
	KG100	T304 KL71	07308 5

Version Protection IP 66/67	**4 pole**		**EAN-Code** 9004257
	KG125	T304/60 STM	07309 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
	Oversized Wiring Space		
	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
	6 pole		
	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
	KG80	T306/59 STM[1]	07324 5
	KG100	T306/59 STM[1]	07325 2
	KG125	T306/59 STM[1]	07326 9
	KG160	T306/59 STM[1]	07327 6
	C316	T306/63 STM[5]	07328 3
	Oversized Wiring Space		
	KG125	T306/61 STM	07329 0
	KG160	T306/61 STM	07330 6
	C316	T306/64 STM[5]	07331 3

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

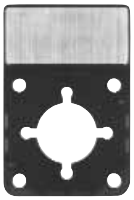
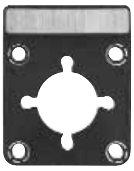
Lateral mounted Auxiliary Contacts

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
		2 pole		**3 and 4 pole**	
	KG10A, KG10B	S0 M160/A12	01574 0	S0 M160/A12 K2	01575 7
		3 pole		**4 pole**	
	KG20A, KG20B KG32A, KG32B	K0 M160/3	01576 4	K0 M160/4	01579 5
	KG41, KG41B KG64, KG64B	K1 M160/3	01577 1	K1 M160/4	01580 1
	KG80, KG80C KG100, KG100C	K2 M160/3	01578 8	K2 M160/4	01581 8
	KG125, KG160	K3 M160/32	01582 5	K3 M160/42	01583 2
	KG210, KG250, KG315	K3 M160/30	06486 1	K3 M160/40	06487 8
		For Front Mounting		**For Base Mounting**	
	KH32, KH40	K1 M160/45-E	09198 0	K1 M160/45-VE	09199 7
	KH63, KH80	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 mm² AWG12	2,5 mm² AWG14
	KG80-KG100C	K2B	D520	KSA	06483 0	2,5 mm² AWG12	2,5 mm² AWG14
	KG125, KG160	K3A	D720	KS	06484 7	4 mm² AWG10	4 mm² AWG12
	KG210, KG250, KG315, C316	K3B	D520	KS	06485 4	4 mm² AWG10	4 mm² AWG12

Unlock Insert

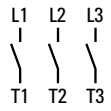
Version	Unlock insert for the M700				EAN-Code 9004257	
	To open the door in ON position. (After the locking has been made inactive, it is necessary to take effective precautions against an opening of the door by unauthorized persons.)	S1D	M700	29	07090 9	

Mounting Key

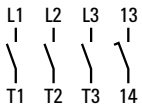
Version	For Switches with Single Hole Mounting				EAN-Code 9004257	
	Mounting key for locking nut	S00	T170	09	08726 6	

Connection Diagrams
(KG and C switches)

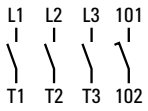
3 pole



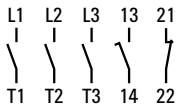
3 pole + 1 NO
for KG switches



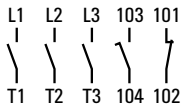
3 pole + 1 NO
for C switches



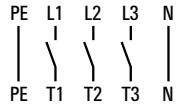
3 pole + 1 NO, 1 NC
for KG switches



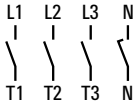
3 pole + 1 NO, 1 NC
for C switches



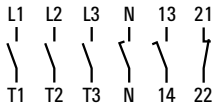
3 pole + PE, N



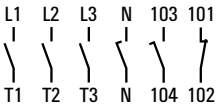
4 pole



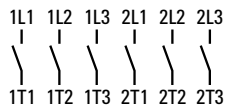
4 pole + 1 NO, 1 NC
for KG switches



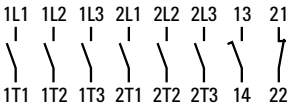
4 pole + 1 NO, 1 NC
for C switches



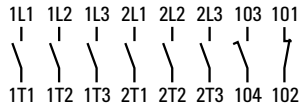
6 pole



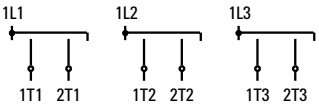
6 pole + 1 NO, 1 NC
for KG switches



6 pole + 1 NO, 1 NC
for C switches

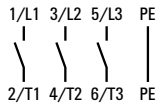


3 pole (Double-throw switches)

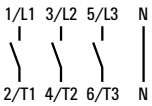


Connection Diagrams
(KH switches)

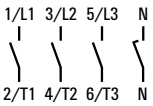
3 pole + PE



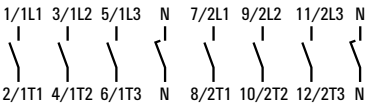
3 pole + N



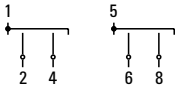
4 pole



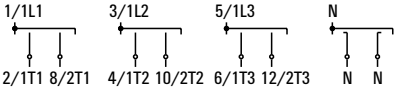
8 pole



2 pole (Double-throw switches)



4 pole (Double-throw switches)

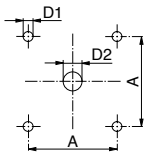


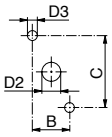
Switches for Panel Mounting

Two or Four Hole Panel Mounting

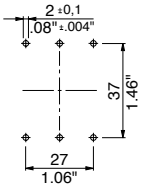
Dimensions

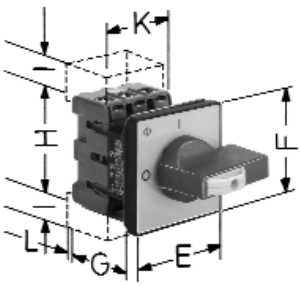
mm
inch

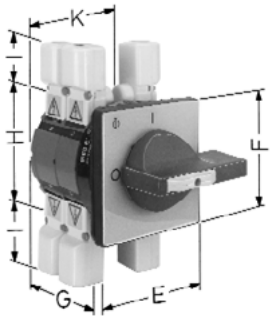




KG21A
KG33A





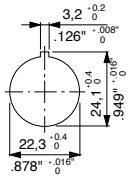


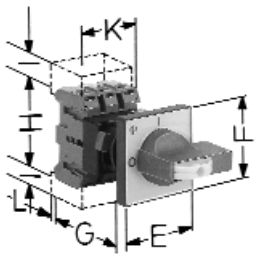
C316

	A	B[2]	C[2]	D1	D2	D3	E/F	Pole 2 G	3, 4 G	3+1 G	3 + PE,N G	6[1] G	H	I	Pole 2, 3, 3+1 K	3 + PE,N 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	22,2 .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		

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

Single Hole Mounting 22 mm



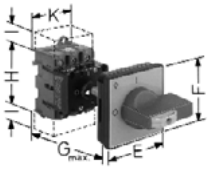


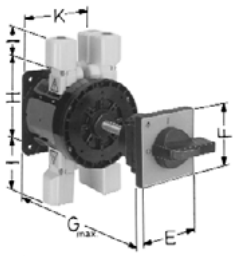
	E/F	E/F	E/F	Pole 2 G	3, 4 G	3 + 1 G	3 + PE, N G	H	I	Pole 2, 3, 3 + 1 K	3 + PE, N K	4 K	L
KG10A	49 1.93	48 1.89		56,6 2.23	66,1 2.60	66,1 2.60		50 1.97	7,5 .30	48 1.89		48 1.89	
KG10B		64 2.52	64 2.52	56,6 2.23	66,1 2.60	66,1 2.60		50 1.97	7,5 .30	48 1.89		48 1.89	
KG20A, KG32A	49 1.93	48 1.89			68,3 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

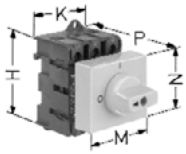
Dimensions

mm
inch





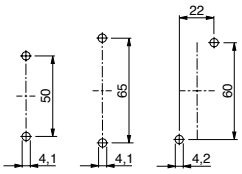
C316



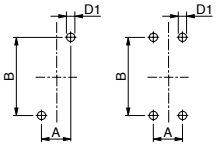
	Switch Disconnectors				Main Switches and Main Switches with Emergency Function														
				With shaft extension			With single hole mounting without centering device												
		Pole					Pole					Pole							
		3, 4	6[1]	3, 4, 6[1]			2	3, 4, 3 + PE, N[3]	3 + 1			3,3+1	3 + PE, N	4	6[1]				6[1]
	E/F	G	G	G	E/F[2]	G	G	G	G	H	I	K	K	K	K	M	N	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	20 .79	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	20 .79	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	17 .67	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	17 .67	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	26 1.02	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	26 1.02	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	19-22 .75-.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	19-22 .75-.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	19-22 .75-.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		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	19-22 .75-.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

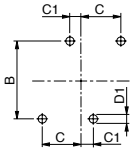


KG10A, KG10B



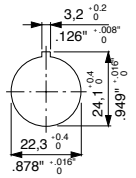
KG20A-KG100C KH16-KH80

KG125-KG315 C80-C316

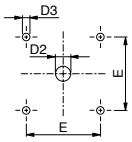


KG20A-KG100C 6 pole[1]

Front Plate



With single hole mounting 22 mm



[4]**E** = 48 (1.89) **D2** = 39-42 (1.54-1.69) **D3** = 5 (.20)

For switch type:

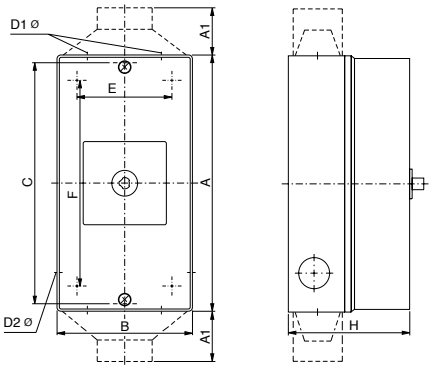
KG20B T.../12 VE	KG125 T.../28 VE
KG20B T.../28 VE	KG160 T.../12 VE
KG32B T.../12 VE	KG160 T.../28 VE
KG32B T.../28 VE	KG250 T.../13 VE
KG41B T.../12 VE	KG250 T.../29 VE
KG41B T.../28 VE	KG315 T.../13 VE
KG64B T.../12 VE	KG315 T.../29 VE
KG64B T.../28 VE	KH32 T.../12 VE
KG80 T.../12 VE	KH40 T.../12 VE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

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

Switches in Plastic Enclosure

Dimensions

mm
inch



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

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

NOTES

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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 24 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**

We reserve the right to make technical and dimensional changes without prior notice.

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