

# Φ KRAUS & NAIMER

## KG-Series



KG10B 4-pole ON/OFF-switch

KG-switches are extremely compact while featuring unusually large isolation distances between open contacts for maximum safety. Forced opening and closing main contacts are standard.

The terminals are in the same plane and in line with the connecting wires or bus-bars and fingerproof up to the 160A switch.

On-Off switches are available with three to eight poles, double-throw switches with three or four poles and a special version for applications in motor control centers is available. This variability provided by the modular design system, power ratings for every application, and two different design variants permit optimization of KG-switches for a large variety of requirements.



KG32A 3-pole ON/OFF-switch

Large terminals with captive screws and fingerproofing up to 160A are valuable practical advantages as is the integrated screwdriver guide for the use of motorized screwdrivers. Another advantage relating to installation is the integrated snap-on feature for DIN-rails on base mounted switches up to 160A.

The many optional extras for the KG-series include shaft extensions, door clutches, neutral and ground terminals, up to eight auxiliary contacts, terminal covers and various locking devices.

Kraus & Naimer has designed a wiring aid for switch types KG126, KG127, KG161 and KG162. Using this optional extra countering is not necessary for tightening the terminal screws. It can be ordered separately as K3A D720 09.



KG125 6-pole ON/OFF-switch



KG317 3-pole ON/OFF-switch

### Technical Data

Switch	Switch Size	Escutcheon Plate [mm]	According to IEC 60947-3/VDE 0660 part 107			According to UL and CSA		
			Thermal Current Iu/Ith [A]	Utilization Category		Ampere Rating [A]	Standard Motor Load DOL-Rating	
				3x380V - 440V AC-23A [kW]	AC-3 [kW]		3x240V [HP]	3x480V [HP]
KG10A	S0	48x48	20	5.5	3.7	20	2	3
KG10B	S1	64x64	20	5.5	3.7	20	2	3
KG20	S00	30x30	25	7.5	5.5	25	3	5
KG20A	S0	48x48	25	7.5	5.5	25	3	5
KG20B	S1	64x64	25	7.5	5.5	25	3	5
KG32	S00	30x30	32	11	7.5	30	5	10
KG32A	S0	48x48	32	11	7.5	30	5	10
KG32B	S1	64x64	32	11	7.5	30	5	10
KG41	S0	48x48	40	15	11	40	7.5	15
KG41B	S1	64x64	40	15	11	40	7.5	15
KG64	S0	48x48	63	22	18.5	60	10	20
KG64B	S1	64x64	63	22	18.5	60	10	20
KG80	S1	64x64	80	30	22	80 <sup>1)</sup>	20	40
KG80C	S2	88x88	80	30	22	80 <sup>1)</sup>	20	40
KG100	S1	64x64	100	37	30	100 <sup>1)</sup>	25	50
KG100C	S2	88x88	100	37	30	100 <sup>1)</sup>	25	50
KG105	S1	64x64	125	45	37			
KG105C	S2	88x88	125	45	37			

KG125 <sup>2)</sup>	S2	88x88	125	45	37	150 <sup>1)</sup>	30	60
KG126 <sup>3)</sup>	S2	88x88	125	45	37	150 <sup>1)</sup>	30	60
KG127 <sup>4)</sup>	S2	88x88	125	45	37	150 <sup>1)</sup>	30	60
KG160 <sup>2)</sup>	S2	88x88	160	55	45	200 <sup>1)</sup>	40	60
KG161 <sup>3)</sup>	S2	88x88	160	55	45	200 <sup>1)</sup>	40	60
KG162 <sup>4)</sup>	S2	88x88	160	55	45	200 <sup>1)</sup>	40	60
KG210 <sup>2)</sup>	S2	88x88	200	75	55	200 <sup>1)</sup>	50	75
KG211 <sup>3)</sup>	S2	88x88	200	75	55	200 <sup>1)</sup>	50	75
KG212 <sup>4)</sup>	S2	88x88	200	75	55	200 <sup>1)</sup>	50	75
KG250 <sup>2)</sup>	S2	88x88	250	90	55	250 <sup>1)</sup>	60	75
KG251 <sup>3)</sup>	S2	88x88	250	90	55	250 <sup>1)</sup>	60	75
KG252 <sup>4)</sup>	S2	88x88	250	90	55	250 <sup>1)</sup>	60	75
KG315 <sup>2)</sup>	S2	88x88	315	110	75	300 <sup>1)</sup>	75	100
KG316 <sup>3)</sup>	S2	88x88	315	110	75	300 <sup>1)</sup>	75	100
KG317 <sup>4)</sup>	S2	88x88	315	110	75	300 <sup>1)</sup>	75	100

1) Valid when connected with wire rated for 70°C

2) with box terminals

3) with bolt terminals

4) with bolt terminals on top, box terminals at the bottom