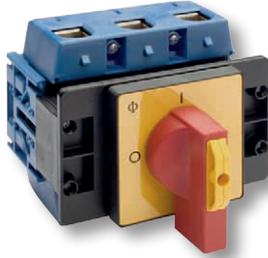


According to IEC 60947-3, EN 60947-3, VDE 0660 part 107



Rated Thermal Current $I_U/I_{th}/I_{the}$				
			A	160
Rated Insulation Voltage U_i ¹				
			V	1000
Rated Impulse Withstand Voltage U_{imp}				
			kV	8
Rated Operational Current I_e				
AC-21A	Switching of resistive loads, including moderate overloads		A	160
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads		A	160 100
		220 V–500 V 660 V–690 V		
Rated Utilization Category				
AC-3	Direct-on-line starting	3 phase, 3 pole	kW	30 45 55 37
		220 V–240 V 380 V–440 V 500 V 660 V–690 V		
AC-23A	Frequent switching of motors or other high inductive loads	3 phase, 3 pole	kW	30 55 75 37
		220 V–240 V 380 V–440 V 500 V 660 V–690 V		
Short Circuit Protection				
Max. fuse size		gG-characteristic	A	160
Rated short-time withstand current		(1 s-current)	A	3000
For connections with insulated ring and fork type cable terminal - copper wires only				
	Single-core or stranded wire		mm ²	95
	Flexible wire		mm ²	70
	Flexible wire with sleeving in accordance with DIN 46228		mm ²	70
For connections with cable terminal or copper busbar:				
	Connecting screw		mm	M10x20
	max. width		mm	20
	max. width with protective cover		mm	25

¹ Valid for lines with grounded common neutral termination, overvoltage category III, Other values on request.

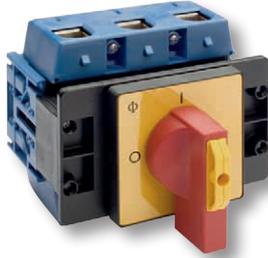
Miscellaneous

Minimum Voltage:	on request	
Power loss per contact at I_U:	5 W	
Resistance to vibration:	on request	
Resistance to shock:	on request	
Ambient Temperature of Stages :	open at 100 % I_U/I_{th}	50 °C during 24 hours with peaks up to 55 °C
	enclosed at 100 % I_{the}	35 °C during 24 hours with peaks up to 40 °C
Storage temperature:	-40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible)	

Approvals and Standards

IEC 60947 EN 60947	KG160:  US	KG161/KG162:  US		 GB14048.3	 CH01
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USA / Canada



Rated Thermal Current $I_U/I_{th}/I_{the}$				A	160
Rated Insulation Voltage U_i				V	600
Rated Operational Current I_e					
Pilot Duty:			Heavy	VAC	A600
Ampere Rating	Resistive or low inductive loads	ON/OFF 1-0-2	600 V 600 V	A	200 160
Max. Permissible Wire Gage - copper wires only					
Single-core or stranded wire				AWG	3/0
Flexible wire: AWG wire (without sleeving)				AWG	2/0
Ratings					
Standard motor load, DOL-Rating (similar AC-3)		3 phase 3 pole	110 V – 120 V 220 V – 240 V 440 V – 480 V 550 V – 600 V	HP	20 40 60 60

Miscellaneous

Minimum Voltage:	on request	
Power loss per contact at I_U:	5 W	
Resistance to vibration:	on request	
Resistance to shock:	on request	
Ambient Temperature of Stages :	open at 100 % I_U/I_{th}	50 °C during 24 hours with peaks up to 55 °C
	enclosed at 100 % I_{the}	35 °C during 24 hours with peaks up to 40 °C
Storage temperature:	-40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible)	

Approvals and Standards

IEC 60947 EN 60947	KG160: UL US	KG161/KG162: UL US	SP	CCC GB14048.3	PG CH01
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