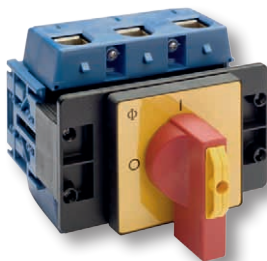


According to IEC 60947-3, EN 60947-3, VDE 0660 part 107



Rated Thermal Current $I_U/I_{th}/I_{the}$					A	160
Rated Insulation Voltage $U_i$ <sup>1</sup>					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			220 V–500 V 660 V–690 V	A	160 100
Rated Utilization Category						
AC-3	Direct-on-line starting	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	30 45 55 37	
AC-23A	Frequent switching of motors or other high inductive loads	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	30 55 75 37	
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 <sup>2</sup>	95
Flexible wire					mm <sup>2</sup>	70
Flexible wire with sleeving in accordance with DIN 46228					mm <sup>2</sup>	70
For connections with cable terminal or copper busbar:						
Connecting screw					mm	M10x20
max. width					mm	20
max. width with protective cover					mm	25

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

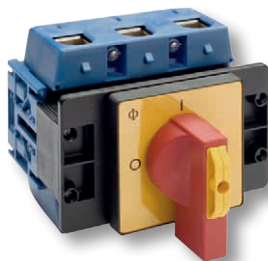
### Miscellaneous

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 % $I_U/I_{th}$ enclosed at 100 % $I_{the}$	50 °C during 24 hours with peaks up to 55 °C 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: c  US	KG161/KG162: c  US		 GB14048.3	 CH01
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