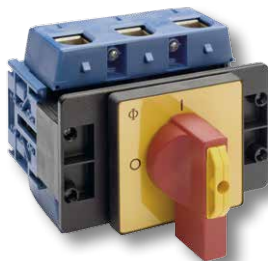


According to IEC 60947-3, EN 60947-3, VDE 0660 part 107



Rated Thermal Current $I_U/I_{th}/I_{the}$					A	315
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	315
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads			220 V–500 V 660 V–690 V	A	250 140
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		45 75 90 45
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		55 110 132 45
Short Circuit Protection						
Max. fuse size		gG-characteristic			A	315
Rated short-time withstand current		(1 s-current)			A	5800
For connections with insulated ring and fork type cable terminal - copper wires only						
Single-core or stranded wire					mm ²	185
Flexible wire					mm ²	150
Flexible wire with sleeving in accordance with DIN 46228					mm ²	120
For connections with cable terminal or copper busbar:						
Connecting screw					mm	M12x20
max. width					mm	25
max. width with protective cover					mm	34

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

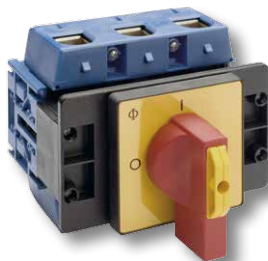
Miscellaneous

Tightening torque of terminal screw:	16 Nm (140 lb-in)	
Minimum Voltage:	on request	
Power loss per contact at I_U :	12,7 W	
Resistance to vibration:	on request	
Resistance to shock:	on request	
Min. Ambient Temperature of Stages:	-5 °C	
Max. 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	KG315: c  US	KG316/ KG317: c  US		 GB14048.3	
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USA / Canada



Rated Thermal Current $I_U/I_{th}/I_{the}$				
			A	315
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	600 V	A 300
Max. Permissible Wire Gage - copper wires only				
	Single-core or stranded wire		MCM	350
	Flexible wire: AWG wire (without sleeving)		MCM	300
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 40 75 100 100

Miscellaneous

Tightening torque of terminal screw:	16 Nm (140 lb-in)
Minimum Voltage:	on request
Power loss per contact at I_U :	12,7 W
Resistance to vibration:	on request
Resistance to shock:	on request
Min. Ambient Temperature of Stages:	-5 °C
Max. 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	KG315: UL US	KG316/ KG317: UL US	CSA	CCC GB14048.3	EAC
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