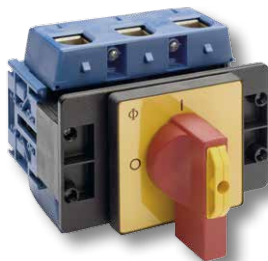


According to IEC 60947-3, EN 60947-3, VDE 0660 part 107



Rated Thermal Current $I_U/I_{th}/I_{the}$				A	250
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	250
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads		220 V–500 V 660 V–690 V	A	200 125
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	37 55 75 40
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	37 90 110 45
Short Circuit Protection					
Max. fuse size		gG-characteristic		A	250
Rated short-time withstand current		(1 s-current)		A	4600
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.

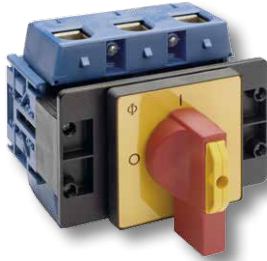
Miscellaneous

Tightening torque of terminal screw:	16 Nm (140 lb-in)		
Minimum Voltage:	on request		
Power loss per contact at I _U :	8 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)		

Approbationen und Standards

IEC 60947 EN 60947	UL US	SE	CCC GB14048.3	EAC
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USA / Canada



Rated Thermal Current $I_U/I_{th}/I_{the}$					
			A		250
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	250
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	30 60 75 75

Miscellaneous

Tightening torque of terminal screw:	16 Nm (140 lb-in)
Minimum Voltage:	on request
Power loss per contact at I_U :	8 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)

Approbationen und Standards

IEC 60947
EN 60947

