

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



Rated Thermal Current $I_U/I_{th}/I_{the}$		A	20		
Rated Insulation Voltage U_i ¹		V	690		
Rated Impulse Withstand Voltage U_{imp}		kV	4		
Rated Operational Current I_e					
AC-21A	Switching of resistive loads, including moderate overloads	A	20		
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads	220 V–500 V 660 V–690 V	A 20 16		
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	2,2 3,7 3,7 3,7
		1 phase, 2 pole	220 V–240 V 380 V–440 V	kW	1,1 1,5
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	3 5,5 5,5 5,5
		1 phase, 2 pole	220 V–240 V 380 V–440 V	kW	1,5 2,2
Short Circuit Protection					
Max. fuse size		gG-characteristic	A	20	
Rated short-time withstand current		(1 s-current)	A	130	
For connections with insulated ring and fork type cable terminal - copper wires only					
		Single-core or stranded wire	mm ²	2,5	
		Flexible wire	mm ²	2,5	
		Flexible wire with sleeving in accordance with DIN 46228	mm ²	2,5	

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 :	0,9 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



USA / Canada



Rated Thermal Current $I_U/I_{th}/I_{the}$				A	20
Rated Insulation Voltage U_i				V	300
Rated Operational Current I_e					
Pilot Duty:			Heavy	VAC	A300
Ampere Rating	Resistive or low inductive loads	ON/OFF 1-0-2	300 V	A	20
			300 V	A	20
Max. Permissible Wire Gage - copper wires only					
Single-core or stranded wire				AWG	12
Flexible wire: AWG wire (without sleeving)				AWG	12
Ratings					
Standard motor load, DOL-Rating (similar AC-3)		3 phase 3 pole	110 V–120 V 220 V–240 V	HP	1 2

Miscellaneous

Minimum Voltage:	on request	
Power loss per contact at I_U :	0,9 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)	

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