

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}	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

