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	6
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 – 440 V 500 V 660 V – 690 V	A	20 16 20
AC-15	Switching of control devices, contactors, valves etc.		110 V 220 V – 240 V 380 V – 440 V	A	5 5 4
Rated Utilization Category					
AC-2	Slip ring motor starting, reversing and plugging, star-delta starting	3 phase, 3 pole	220 V – 240 V 380 V – 440 V 500 V 660 V – 690 V	kW	4 7,5 10 10
AC-3	Direct-on-line starting, star-delta starting	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	110 V – 120 V 220 V – 240 V 380 V – 440 V 500 V 660 V – 690 V	kW	0,6 2,2 3 3 3
AC-4	Direct-on-line starting, reversing, plugging and inching	3 phase, 3 pole	220 V – 240 V 380 V – 440 V 500 V 660 V – 690 V	kW	0,55 1,5 1,5 1,5
		1 phase, 2 pole	110 V – 120 V 220 V – 240 V 380 V – 440 V	kW	0,3 0,75 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	3,7 7,5 7,5 7,5
		1 phase, 2 pole	110 V – 120 V 220 V – 240 V 380 V – 440 V 500 V 660 V – 690 V	kW	0,75 2,5 3,7 4 4
Short Circuit Protection					
Max. fuse size	gG-characteristic			A	25
Rated short-time withstand current	(1 s-current)			A	250
For connections with insulated ring and fork type cable terminal - copper wires only					
	Inner diameter			mm	>= 3,6 mm
	Outside diameter			mm	<= 8,6 mm
	Quick connect			mm	6,3

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

Miscellaneous

Tightening torque of terminal screw:	1,4 Nm (12 lb-in)	
Minimum Voltage:	on request	
Power loss per contact at I_u:	1,4 W	
Resistance to vibration:	on request	
Resistance to shock:	min. 5 g, 30 ms	
Min. Ambient Temperature of Stages:	-5 °C	
Max. Ambient Temperature of Stages:	open at 100 % I_u/I_{th}	55 °C during 24 hours with peaks up to 60 °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	600
Rated Operational Current I_e					
Pilot Duty			Heavy	VAC	A600
Ampere Rating	Resistive or low inductive loads			A	20
Max. Permissible Wire Gage - copper wires only					
	Inner diameter			mm	>= 3,6
	Outside diameter			mm	<= 8,6
	Quick connect			mm	6,3
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	1,5 3 5 5
		1 phase 2 pole	110 V – 120 V 220 V – 240 V 277 V 440 V – 480 V 550 V – 600 V	HP	0,5 1 2 2 2
	Heavy motor Load-reversing (similar AC-4)	3 phase 3 pole	110 V – 120 V 220 V – 240 V 440 V – 600 V	HP	0,5 1 3
		1 phase 2 pole	110 V – 120 V 220 V – 240 V 277 V 440 V – 600 V	HP	0,17 0,5 0,6 1,5

Miscellaneous

Tightening torque of terminal screw:	1,4 Nm (12 lb-in)	
Minimum Voltage:	on request	
Power loss per contact at I_u:	1,4 W	
Resistance to vibration:	on request	
Resistance to shock:	min. 5 g, 30 ms	
Min. Ambient Temperature of Stages:	-5 °C	
Max. Ambient Temperature of Stages:	open at 100 % I_u/I_{th}	55 °C during 24 hours with peaks up to 60 °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