

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



Rated Thermal Current $I_U/I_{th}/I_{the}$				
			A	200
Rated Insulation Voltage $U_i$ <sup>1</sup>				
			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	200
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads		A	150
		220 V–500 V		125
		660 V–690 V		
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 37 55 75 55
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 22 37 37 30
		1 phase, 2 pole	110 V–120 V 220 V–240 V 380 V–440 V	kW 5,5 11 18,5
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 10 15 15 15
		1 phase, 2 pole	110 V–120 V 220 V–240 V 380 V–440 V	kW 2,2 4 7,5
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 37 75 90 55
		1 phase, 2 pole	110 V–120 V 220 V–240 V 380 V–440 V	kW 11 22 37
Short Circuit Protection				
Max. fuse size	gG-characteristic		A	200
Rated short-time withstand current	(1 s-current)		A	2000
Max. Permissible Wire Gage - copper wires only				
Single-core or stranded wire	Cable lug must accept M8		mm <sup>2</sup>	95
Flexible wire	Cable lug must accept M8		mm <sup>2</sup>	95

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

## Miscellaneous

Tightening torque of terminal screw:	8 Nm (70 lb-in)
Minimum Voltage:	on request
Power loss per contact at $I_U$ :	3,8 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