

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



Rated Thermal Current $I_U/I_{th}$				A	350/350 <sup>1</sup>
Rated Insulation Voltage $U_i$ <sup>2</sup>				V	690
Rated Impulse Withstand Voltage $U_{imp}$				kV	6
Rated Operational Current $I_e$					
AC-20A	No-load operation		20 V–690 V	A	350
	Occasional switching under load $\cos \Phi$ 0,8	3 phase, 3 pole; 1 phase, 2 pole	220 V–240 V 500 V–500 V 660 V–690 V	A	350 350 315
AC-21B	Occasional switching of resistive loads, including moderate overloads	3 phase, 3 pole; 1 phase, 2 pole	220 V–240 V 500 V–500 V 660 V–690 V	A	250 250 200
Rated Utilization Category					
AC-23B	Occasional switching of motors or other high inductive loads	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V–500 V 660 V–690 V	kW	45 90 110 55
Short Circuit Protection					
Max. fuse size		aR-characteristic		A	400
Rated short-time withstand current		(1 s-current)		A	3800
For connections with cable terminal or copper busbar					
Connection screw				mm	M12x20

Ambient temperature +35 °C during 24 hours with peaks up to +40 °C

<sup>1</sup> Ambient temperature +55 °C during 24 hours with peaks up to +60 °C

<sup>2</sup> Valid for lines with grounded common neutral termination, overvoltage category III, Other values on request.

### USA / Canada

Rated Thermal Current $I_U/I_{th}$			
		A	350
Rated Insulation Voltage $U_i$			
		V	600
Interrupting Rating			
	110 V–600 V	A	200

### Miscellaneous

Tightening torque of terminal screw:	25 Nm (220 lb-in)		
Minimum Voltage:	on request		
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 Permissible load see rated thermal current	
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

cFUS

SE