

Technical\_data\_MN\_111

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## Technical data MN 111

acc. IEC 60947-3, EN 60947-3			
Rated operational current $I_e$	<b>AC 21 A</b>	A	20
Rated operational voltage $U_e$		V	690
Rated uninterrupted current $I_{th}$	open	A	25
Rated uninterrupted current $I_{the}$	encapsulated	A	20
Rated insulation voltage $U_i$ Insulation group C acc. VDE 0110		V	690
Rated impulse withstand voltage $U_{imp}$ (III/3)		kV	4
Making/braking capacity	<b>Utilisation category</b>		
	<b>AC 3</b>		
	230 V 3~	kW	4
	<b>400 V 3~</b>	<b>kW</b>	<b>5,5</b>
	690 V 3~	kW	7,5
Single-phase motor	230 V	kW	2,2
	<b>400 V</b>	<b>kW</b>	<b>3</b>
Making/braking capacity	<b>Utilisation category</b>		
	<b>AC 23A(B)</b>		
	230 V 3~	kW	5
	<b>400 V 3~</b>	<b>kW</b>	<b>7,5</b>
	690 V 3~	kW	11
<b>Short-circuit capacity</b>			
Max. fuse rating (gG-Char.)		A	25
Rated conditional short-circuit current		kA <sub>eff</sub>	6
Rated short-time withstand current $I_{cw1sec}$		A	240
Rated short circuit making capacity $I_{cm}$		A	-
Isolating characteristics up to		V~	500
Terminal cross section solid or multi-stranded	min./max.	mm <sup>2</sup>	1,0 - 4,0
Finely stranded with ferrule	min./max.	mm <sup>2</sup>	1,0 - 4,0
Terminal screws			M3,5
Torque terminal screws		Nm	1
Mechanical life	Operating cycles		1x10 <sup>6</sup>
Ambient temperature	open	C°	+50/-25
	encapsulated	C°	+40/-25
acc. UL und CSA			
Rated operational current		A	10
Rated operational voltage		V	600
Making/braking capacity	<b>Utilisation category</b>		
	<b>AC 3</b>		
Motor 3-phase	220/240 V 3~	hp	3
	440/480 V 3~	hp	1
	550/600 V 3~	hp	1
Making/braking capacity	<b>Utilisation category</b>		
	<b>AC 23A(B)</b>		
Motor 1-phase	110/120 V	hp	1
	220/240 V	hp	1,5
Cable cross section		AWG-No	16 - 10

Irrtümer, Druckfehler und technische Änderungen vorbehalten.