

Technical data MN 105

acc. IEC 60947-3, EN 60947-3			
Rated operational current I_e	AC 21 A	A	25
Rated operational voltage U_e		V	690
Rated uninterrupted current I_{th}	open	A	25
Rated uninterrupted current I_{the}	encapsulated	A	25
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	Utilisation category		
	AC 3		
	230 V 3~	kW	3
	400 V 3~	kW	5,5
	690 V 3~	kW	5,5
Single-phase motor	230 V	kW	2,2
	400 V	kW	3
Making/braking capacity	Utilisation category		
	AC 23A(B)		
	230 V 3~	kW	4
	400 V 3~	kW	7,5
	690 V 3~	kW	7,5
Short-circuit capacity			
Max. fuse rating (gG-Char.)		A	25
Rated conditional short-circuit current		kA _{eff}	10
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 ²	1,0 - 4
Finely stranded with ferrule	min./max.	mm ²	1,0 - 2,5
Terminal screws			M3
Torque terminal screws		Nm	0,8
Mechanical life	Operating cycles		1x10 ⁶
Ambient temperature	open	C°	+50/-25
	encapsulated	C°	+40/-25
acc. UL und CSA			
Rated operational current		A	16
Rated operational voltage		V	600
Making/braking capacity	Utilisation category		
	AC 3		
Motor 3-phase	220/240 V 3~	hp	3
	440/480 V 3~	hp	5
	550/600 V 3~	hp	5
Making/braking capacity	Utilisation category		
	AC 23A(B)		
Motor 1-phase	110/120 V	hp	0,5
	220/240 V	hp	1,5
Cable cross section		AWG-No	14 - 10

Irrtümer, Druckfehler und technische Änderungen vorbehalten.