


Technical_data_MN_451

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Technical data MN 451

acc. IEC 60947-3, EN 60947-3			
Rated operational current I_e	AC 21 A	A	63
Rated operational voltage U_e		V	690
Rated uninterrupted current I_{th}	open	A	63
Rated uninterrupted current I_{the}	encapsulated	A	63
Rated insulation voltage U_i Insulation group C acc. VDE 0110		V	690
Rated impulse withstand voltage U_{imp} (III/3)		kV	6
Making/braking capacity	Utilisation category		
	AC 3		
	230 V 3~	kW	11
	400 V 3~	kW	18,5
	690 V 3~	kW	22
Single-phase motor	230 V	kW	5,5
	400 V	kW	7,5
Making/braking capacity	Utilisation category		
	AC 23A(B)		
	230 V 3~	kW	15
	400 V 3~	kW	22
	690 V 3~	kW	30
Short-circuit capacity			
Max. fuse rating (gG-Char.)		A	63
Rated conditional short-circuit current		kA _{eff}	6
Rated short-time withstand current I_{cw1sec}		A	600
Rated short circuit making capacity I_{cm}		A	-
Isolating characteristics up to		V~	690
Terminal cross section solid or multi-stranded	min./max.	mm ²	1,5 - 10,0
Finely stranded with ferrule	min./max.	mm ²	1,5 - 10,0
Terminal screws			M5
Torque terminal screws		Nm	2,2
Mechanical life	Operating cycles		1x10 ⁶
Ambient temperature	open	C°	+50/-25
	encapsulated	C°	+40/-25
acc. UL und CSA 			
Rated operational current		A	40
Rated operational voltage		V	600
Making/braking capacity	Utilisation category		
	AC 3		
Motor 3-phase	220/240 V 3~	hp	10
	440/480 V 3~	hp	30
	550/600 V 3~	hp	30
Making/braking capacity	Utilisation category		
	AC 23A(B)		
Motor 1-phase	110/120 V	hp	3,0
	220/240 V	hp	7,5
Cable cross section		AWG-No	14 - 6

Irrtümer, Druckfehler und technische Änderungen vorbehalten.