

Technical_data_MN_656

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Technical data MN 656

acc. IEC 60947-3, EN 60947-3			
Rated operational current I_e	AC 21 A	A	80 ¹
Rated operational voltage U_e		V	500
Rated uninterrupted current I_{th}	open	A	80 ¹
Rated uninterrupted current I_{the}	encapsulated	A	80 ¹
Rated insulation voltage U_i Insulation group C acc. VDE 0110		V	500
Rated impulse withstand voltage U_{imp} (III/3)		kV	6
Making/braking capacity	Utilisation category		
	AC 3		
	230 V 3~	kW	22
	430 V 3~	kW	37
	690 V 3~	kW	37 ³
Single-phase motor	230 V	kW	11
	430 V	kW	15
Making/braking capacity	Utilisation category		
	AC 23A(B)		
	230 V 3~	kW	22
	430 V 3~	kW	37
	690 V 3~	kW	37 ³
Short-circuit capacity			
Max. fuse rating (gG-Char.)		A	125
Rated conditional short-circuit current		kA _{eff}	-
Rated short-time withstand current I_{cw1sec}		A	1200
Rated short circuit making capacity I_{cm}		A	3,4
Isolating characteristics up to		V~	500
Terminal cross section solid or multi-stranded	min./max.	mm ²	1,5 - 25,0
Finely stranded with ferrule	min./max.	mm ²	1,5 - 16,0
Terminal screws			M8
Torque terminal screws		Nm	3,5
Mechanical life	Operating cycles		1x10 ⁶
Ambient temperature	open	C°	+50/-25
	encapsulated	C°	+40/-25
acc. UL und CSA			
Rated operational current		A	80
Rated operational voltage		V	600
Making/braking capacity	Utilisation category		
	AC 3		
Motor 3-phase	220/240 V 3~	hp	25
	440/480 V 3~	hp	50
	550/600 V 3~	hp	50
Making/braking capacity	Utilisation category		
	AC 23A(B)		
Motor 1-phase	110/120 V	hp	7,5
	220/240 V	hp	15
Cable cross section		AWG-No	14 - 4

1) 656=100A, 756=160A if extension terminal are used. 2) short circuit current limited by fuse 3) tested with 3x500V AC. 5) 10 kA: 105 = 20A, 15 = 25 A, 251 = 35 A 7) 400V/500V = 55kW, 8kA = 125A, with extension terminal 8) In individual cases there could be a derating in accordance to CSA.

Irrtümer, Druckfehler und technische Änderungen vorbehalten.