data

Technical_data_ML1_32_201001
Version: 10/01/2020

Technical data ML1-032

acc. IEC 947-3, EN 60947-3			
Rated operational current I_e	**AC 21 A**	A	32
Rated operational voltage U_e		V	690
Rated uninterrupted current I_{th}	open	A	32
Rated uninterrupted current I_{the}	encapsulated	A	32
Rated insulation voltage U_i Insulation group C acc. VDE 0110		V	690
Rated impulse withstand voltage U_{imp}(III/3)		kV	6
Making/breaking capacity **Utilisation category**	**AC 3**		
	230 V 3~	kW	5,5
	400 V 3~	kW	9,0
	690 V 3~	kW	9,0
Making/breaking capacity **Utilisation category**	**AC 23A**		
	230 V 3~	kW	9,0
	400 V 3~	kW	11,0
	690 V 3~	kW	11,0
Making/breaking capacity **Utilisation category**	**AC 22A**		
	230 V 3~	A	32
	400 V 3~	A	32
	690 V 3~	A	32
Short-circuit capacity			
Max. fuse rating (gG-Char.)		A	50
Rated conditional short-circuit current	3-pole	kA	10
Isolating characteristic up to		V~	690
Terminal cross section solid or multi-stranded	min./max.	mm^2	2,5 – 16
finely stranded with ferrule	min./max.	mm^2	1,5 – 10
Terminal screws			M4
Torque terminal screws		Nm	1,2
Mechanical life	operating cycles		30.000
Ambient temperature max./min.	open	°C	+75/-25
	encapsulated	°C	+40/-25
acc. UL und CSA			
Rated operational current		A	32
Rated operational voltage		V	600
Making/breaking capacity **Utilisation category**	**AC 3**		
Motor 3-phase	220/240 V 3~	hp	7,5
	440/480 V 3~	hp	10
	550/600 V 3~	hp	10
Making/breaking capacity **Utilisation category**	**AC 3**		
Motor 1-phase	110/120 V	hp	1
	220/240 V	hp	2
Cable cross section		AWG-No	14 - 8

Subject to change without notice, errors and errata excepted.

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