

Technical data ML1-016

acc. IEC 947-3, EN 60947-3			
Rated operational current I_e	AC 21 A	A	16
Rated operational voltage U_e		V	690
Rated uninterrupted current I_{th}	open	A	16
Rated uninterrupted current I_{the}	encapsulated	A	16
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	3,0
	400 V 3~	kW	5,5
	690 V 3~	kW	5,5
Making/breaking capacity	Utilisation category	AC 23A	
	230 V 3~	kW	5,0
	400 V 3~	kW	9,0
	690 V 3~	kW	9,0
Making/breaking capacity	Utilisation category	AC 22A	
	230 V 3~	A	16
	400 V 3~	A	16
	690 V 3~	A	16
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	16
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.