

Technical data ML1-040

acc. IEC 60947-3, EN 60947-3			
Rated operational current I_e	AC 21 A	A	40
Rated operational voltage U_e		V	690
Rated uninterrupted current I_{th}	open	A	40
Rated uninterrupted current I_{the}	encapsulated	A	40
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	7,5
	400 V 3~	kW	11
	690 V 3~	kW	11
Making/breaking capacity	Utilisation category		
	AC 23A		
	230 V 3~	kW	11
	400 V 3~	kW	15
	690 V 3~	kW	15
Making/breaking capacity	Utilisation category		
	AC 22A		
	230 V 3~	A	40
	400 V 3~	A	40
	690 V 3~	A	40
Short-circuit capacity			
Max. fuse rating (gG-Char.)		A	50
Rated conditional short-circuit current	4-pol. / 3-pol.	kA	10 / 6
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	40
Rated operational voltage		V	600
Making/breaking capacity	Utilisation category		
	AC 3		
Motor 3-phase	220/240 V 3~	hp	10
	440/480 V 3~	hp	20
	550/600 V 3~	hp	20
Making/breaking capacity	Utilisation category		
	AC 3		
Motor 1-phase	110/120 V	hp	1,5
	220/240 V	hp	3
Cable cross section		AWG-No	14 - 8

Subject to change without notice, errors and errata excepted.