

Technical data ML3-125

acc. IEC 947-3, EN 60947-3			
Rated operational current I_e	AC 21 A	A	125
Rated operational voltage U_e		V	690
Rated uninterrupted current I_{th}	open	A	125
Rated uninterrupted current I_{the}	encapsulated	A	100
Rated insulation voltage U_i Insulation group C acc. VDE 0110		V	800
Rated impulse withstand voltage $U_{imp}(III/3)$		kV	6
Making/breaking capacity	Utilisation category	AC 3	
	230 V 3~	kW	22
	400 V 3~	kW	37
	690 V 3~	kW	45
Making/breaking capacity	Utilisation category	AC 23B	
	230 V 3~	kW	25
	400 V 3~	kW	45
	690 V 3~	kW	45
Making/breaking capacity	Utilisation category	AC 22A	
	230 V 3~	A	-
	400 V 3~	A	125
	690 V 3~	A	125
Short-circuit capacity			
Max. fuse rating (gG-Char.)		A	125
Rated conditional short-circuit current	4-pole / 3-pole	kA	10
Isolating characteristic up to		V~	690
Terminal cross section solid or multi-stranded	min./max.	mm ²	6 – 70
finely stranded with ferrule	min./max.	mm ²	6 – 50
Terminal screws			M6
Torque terminal screws		Nm	3
Mechanical life	operating cycles		30.000
Ambient temperature max./min.	open	°C	+50/-25
	encapsulated	°C	+40/-25
acc. UL und CSA			
Rated operational current		A	125
Rated operational voltage		V	600
Making/breaking 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/breaking capacity	Utilisation category	AC 3	
Motor 1-phase	110/120 V	hp	6
	220/240 V	hp	15
Cable cross section		AWG-No	8 - 10

Subject to change without notice, errors and errata excepted.