


Technical\_data\_ML1-016

Version: 01/01/2021

Page 1/1

## Technical data ML1-016

acc. IEC 60947-3, EN 60947-3			
Rated operational current $I_e$	<b>AC 21 A</b>	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	<b>Utilisation category</b>		
	<b>AC 3</b>		
	230 V 3~	kW	3,0
	<b>400 V 3~</b>	<b>kW</b>	<b>5,5</b>
	690 V 3~	kW	5,5
Making/breaking capacity	<b>Utilisation category</b>		
	<b>AC 23A</b>		
	230 V 3~	kW	5,0
	<b>400 V 3~</b>	<b>kW</b>	<b>9,0</b>
	690 V 3~	kW	9,0
Making/breaking capacity	<b>Utilisation category</b>		
	<b>AC 22A</b>		
	230 V 3~	A	16
	<b>400 V 3~</b>	<b>A</b>	<b>16</b>
	690 V 3~	A	16
<b>Short-circuit capacity</b>			
Max. fuse rating (gG-Char.)		A	50
Rated conditional short-circuit current	4-pol. / 3-pol.	kA	10
Isolating characteristic up to		V~	690
Terminal cross section solid or multi-stranded	min./max.	mm <sup>2</sup>	2,5 - 16
finely stranded with ferrule	min./max.	mm <sup>2</sup>	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	<b>Utilisation category</b>		
	<b>AC 3</b>		
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	<b>Utilisation category</b>		
	<b>AC 3</b>		
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.