

Technical\_data\_UVR\_MN\_251

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## Technical data UVR MN 251

CE marking acc. IEC 947-3, EN 60947-3			
Rated operational current $I_e$	<b>AC 21 A</b>	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	<b>Utilisation category</b>		
	<b>AC 3</b>		
	230 V 3~	kW	7,5
	<b>430 V 3~</b>	<b>kW</b>	<b>11</b>
	690 V 3~	kW	15
Single-phase motor	230 V	kW	4
	<b>430 V</b>	<b>kW</b>	<b>5,5</b>
Making/breaking capacity	<b>Utilisation category</b>		
	<b>AC 23A(B)</b>		
	230 V 3~	kW	11
	<b>430 V 3~</b>	<b>kW</b>	<b>15</b>
	690 V 3~	kW	18,5
<b>Short-circuit capacity</b>			
Max. fuse rating (gG-Char.)		A	50
Rated conditional short-circuit current		kA <sub>eff</sub>	10
Rated short-time withstand current $I_{cw1sec}$		A	400
Rated short circuit making capacity $I_{cm}$		A	-
Isolating characteristics up to		V~	690
Terminal cross section solid or multi-stranded	min./max.	mm <sup>2</sup>	1,0 - 6
Finely stranded with ferrule	min./max.	mm <sup>2</sup>	1,0 - 6,0
Terminal screws			M4
Torque terminal screws		Nm	1,8
Mechanical life	Operating cycles		1x10 <sup>6</sup>
Ambient temperature	open	C°	+50/-25
	encapsulated	C°	+40/-25
<b>Under voltage release</b>			
Pick-up		% of $U_e$	≥ 85
Drop-out		% of $U_e$	35 ... 75
Operation continues		% of $U_e$	100

Subject to change without notice, errors and errata excepted.