

— at 230 V per NC contact Rated value	2.2 kW
— at 230 V per NO contact Rated value	3 kW
— at 400 V per NC contact Rated value	4 kW
— at 400 V per NO contact Rated value	5.5 kW
Active power loss at AC-3 at 400 V for rated value of the operating current per conductor	1.2 W
Operating frequency	
• at AC-1 maximum	1 000 1/h
No-load switching frequency	
• with AC	10 000 1/h
• for DC	10 000 1/h

Control circuit/ Control:

Type of voltage of the control supply voltage	AC
Control supply voltage with AC	
• at 50 Hz Rated value	24 V
• at 60 Hz Rated value	24 V
Operating range factor control supply voltage rated value of the magnet coil with AC	
• at 50 Hz	0.8 ... 1.1
• at 60 Hz	0.85 ... 1.1
Closing delay	
• with AC	8 ... 33 ms
Opening delay	
• with AC	4 ... 15 ms
Arcing time	10 ... 15 ms
Residual current of the electronics for control with signal <0>	
• with AC at 230 V maximum permissible	0.004 A

Auxiliary circuit:

Number of NC contacts	
• for auxiliary contacts	
— instantaneous contact	0
Number of NO contacts	
• for auxiliary contacts	
— instantaneous contact	0
Product expansion Auxiliary switch	Yes
Operating current at AC-12 maximum	10 A
Operating current at AC-15	
• at 230 V Rated value	10 A
• at 400 V Rated value	3 A
Operating current at DC-12	
• at 60 V Rated value	6 A

<ul style="list-style-type: none"> • at 110 V Rated value • at 125 V Rated value • at 220 V Rated value • at 600 V Rated value 	<p>3 A</p> <p>2 A</p> <p>1 A</p> <p>0.15 A</p>
Operating current at DC-13 <ul style="list-style-type: none"> • at 24 V Rated value • at 60 V Rated value • at 110 V Rated value • at 220 V Rated value • at 600 V Rated value 	<p>10 A</p> <p>2 A</p> <p>1 A</p> <p>0.3 A</p> <p>0.1 A</p>
Contact reliability of the auxiliary contacts	<p>1 faulty switching per 100 million (17 V, 1 mA)</p>

UL/CSA ratings:

yielded mechanical performance [hp] <ul style="list-style-type: none"> • for single-phase AC motor <ul style="list-style-type: none"> — at 110/120 V Rated value — at 230 V Rated value 	<p>0.5 hp</p> <p>2 hp</p>
Contact rating of the auxiliary contacts acc. to UL	<p>A600 / Q600</p>

Short-circuit:

Design of the fuse link <ul style="list-style-type: none"> • for short-circuit protection of the main circuit <ul style="list-style-type: none"> — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required 	<p>gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 35 A</p> <p>gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 20 A</p> <p>fuse gL/gG: 10 A</p>
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Installation/ mounting/ dimensions:

mounting position	<p>+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface</p>
Mounting type <ul style="list-style-type: none"> • Side-by-side mounting 	<p>screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022</p> <p>Yes</p>
Height	<p>57.5 mm</p>
Width	<p>45 mm</p>
Depth	<p>73 mm</p>
Required spacing <ul style="list-style-type: none"> • with side-by-side mounting <ul style="list-style-type: none"> — forwards — Backwards — upwards — downwards — at the side 	<p>0 mm</p> <p>0 mm</p> <p>0 mm</p> <p>0 mm</p> <p>0 mm</p>