

— at 24 V per NC contact Rated value	35 A
— at 24 V per NO contact Rated value	35 A
— at 440 V per NC contact Rated value	0.135 A
— at 440 V per NO contact Rated value	0.27 A
Operating power	
• at AC-2 at AC-3	
— at 230 V per NC contact Rated value	5.5 kW
— at 230 V per NO contact Rated value	5.5 kW
— at 400 V per NC contact Rated value	11 kW
— at 400 V per NO contact Rated value	11 kW
Active power loss at AC-3 at 400 V for rated value of the operating current per conductor	1.6 W
Operating frequency	
• at AC-1 maximum	1 000 1/h
No-load switching frequency	
• with AC	5 000 1/h
• for DC	1 500 1/h

Control circuit/ Control:

Type of voltage of the control supply voltage	AC
Control supply voltage with AC	
• at 50 Hz Rated value	110 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 ... 40 ms
Opening delay	
• with AC	4 ... 16 ms
Arcing time	10 ... 10 ms
Residual current of the electronics for control with signal <0>	
• with AC at 230 V maximum permissible	0.007 A

Auxiliary circuit:

Number of NC contacts	
• for auxiliary contacts	
— instantaneous contact	1
Number of NO contacts	
• for auxiliary contacts	
— instantaneous contact	1
Product expansion Auxiliary switch	Yes
Operating current at AC-12 maximum	10 A

Operating current at AC-15	
<ul style="list-style-type: none"> • at 230 V Rated value • at 400 V Rated value • at 690 V Rated value 	<p>10 A</p> <p>3 A</p> <p>1 A</p>
Operating current at DC-12	
<ul style="list-style-type: none"> • at 60 V Rated value • at 110 V Rated value • at 125 V Rated value • at 220 V Rated value • at 600 V Rated value 	<p>6 A</p> <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 125 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>0.9 A</p> <p>0.3 A</p> <p>0.1 A</p>
Contact reliability of the auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)

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>2 hp</p> <p>3 hp</p>
Contact rating of the auxiliary contacts acc. to UL	A600 / Q600

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: 63 A</p> <p>gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 35 A</p> <p>fuse gL/gG: 10 A</p>

Installation/ mounting/ dimensions:

mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<ul style="list-style-type: none"> • Side-by-side mounting 	Yes
Height	85 mm
Width	61 mm
Depth	97 mm