

— at 24 V per NO contact Rated value	50 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	9.5 kW
— at 230 V per NO contact Rated value	9.5 kW
— at 400 V per NC contact Rated value	18.5 kW
— at 400 V per NO contact Rated value	18.5 kW
Active power loss at AC-3 at 400 V for rated value of the operating current per conductor	2.6 W
Operating frequency	
• at AC-1 maximum	1 000 1/h

Control circuit/ Control:	
Type of voltage of the control supply voltage	DC
Control supply voltage for DC	
• Rated value	220 V
Operating range factor control supply voltage rated value of the magnet coil for DC	0.8 ... 1.1
Closing power of the magnet coil for DC	13.3 W
Holding power of the magnet coil for DC	13.3 W
Closing delay	
• with AC	4 ... 35 ms
• for DC	50 ... 110 ms
Arcing time	10 ... 15 ms
Control version of the switch operating mechanism	conventional
Residual current of the electronics for control with signal <0>	
• for DC at 24 V maximum permissible	0.038 A

Auxiliary circuit:	
Number of NC contacts	
• for auxiliary contacts	
— instantaneous contact	0
Number of NO contacts	
• for auxiliary contacts	
— instantaneous contact	0
Operating current at AC-12 maximum	10 A
Operating current at AC-15	
• at 230 V Rated value	6 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 220 V Rated value 	<p>3 A</p> <p>1 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 	<p>10 A</p> <p>2 A</p> <p>1 A</p> <p>0.3 A</p>
Contact reliability of the auxiliary contacts	<p>1 faulty switching per 100 million (17 V, 1 mA)</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>fuse gL/gG: 160 A</p> <p>fuse gL/gG: 80 A</p> <p>fuse gL/gG: 10 A</p>
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Installation/ mounting/ dimensions:

mounting position	<p>with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back</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>112 mm</p>
Width	<p>73 mm</p>
Depth	<p>130 mm</p>
Required spacing <ul style="list-style-type: none"> • for grounded parts <ul style="list-style-type: none"> — at the side 	<p>6 mm</p>

Connections/ Terminals:

Type of electrical connection <ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit 	<p>screw-type terminals</p> <p>screw-type terminals</p>
Type of connectable conductor cross-section <ul style="list-style-type: none"> • for main contacts <ul style="list-style-type: none"> — solid — stranded — single or multi-stranded — finely stranded with core end processing — finely stranded without core end processing • for AWG conductors for main contacts 	<p>2x (0.75 ... 16 mm²)</p> <p>2x (0.75 ... 25 mm²)</p> <p>2x (0,75 ... 16 mm²)</p> <p>2x (0.75 ... 16 mm²)</p> <p>2x (0.75 ... 16 mm²)</p> <p>2x (18 ... 2)</p>
Type of connectable conductor cross-section	