

— at 440 V Rated value	1 A
— at 600 V Rated value	0.8 A
• at DC-3 at DC-5	
— at 110 V Rated value	15 A
— at 220 V Rated value	3 A
— at 24 V Rated value	35 A
— at 440 V Rated value	0.27 A
— at 600 V Rated value	0.16 A
<b>Operating current with 3 current paths in series</b>	
• at DC-1	
— at 24 V Rated value	35 A
— at 110 V Rated value	35 A
— at 220 V Rated value	35 A
— at 440 V Rated value	2.9 A
— at 600 V Rated value	1.4 A
• at DC-3 at DC-5	
— at 110 V Rated value	35 A
— at 220 V Rated value	10 A
— at 24 V Rated value	35 A
— at 440 V Rated value	0.6 A
— at 600 V Rated value	0.6 A
<b>Operating power</b>	
• at AC-1	
— at 230 V at 60 °C Rated value	13.3 kW
— at 400 V at 60 °C Rated value	23 kW
— at 690 V at 60 °C Rated value	40 kW
<b>Operating power for ≥ 200000 operating cycles at AC-4</b>	
• at 400 V Rated value	3.5 kW
• at 690 V Rated value	6 kW
<b>Active power loss at AC-3 at 400 V for rated value of the operating current per conductor</b>	0.9 W
<b>Operating frequency</b>	
• at AC-1 maximum	1 000 1/h
• at AC-2 maximum	1 000 1/h
• at AC-3 maximum	1 000 1/h
• at AC-4 maximum	300 1/h
<b>No-load switching frequency</b>	
• for DC	1 500 1/h
<b>Control circuit/ Control:</b>	
<b>Type of voltage of the control supply voltage</b>	DC

<b>Control supply voltage for DC</b>	
• Rated value	220 V
<b>Operating range factor control supply voltage rated value of the magnet coil for DC</b>	0.8 ... 1.1
<b>Closing power of the magnet coil for DC</b>	5.9 W
<b>Holding power of the magnet coil for DC</b>	5.9 W
<b>Closing delay</b>	
• for DC	50 ... 170 ms
<b>Opening delay</b>	
• for DC	15 ... 17.5 ms
<b>Arcing time</b>	10 ... 10 ms
<b>Residual current of the electronics for control with signal &lt;0&gt;</b>	
• with AC at 230 V maximum permissible	6 mA
• for DC at 24 V maximum permissible	16 mA

<b>Auxiliary circuit:</b>	
<b>Number of NC contacts</b>	
• for auxiliary contacts	
— instantaneous contact	1
<b>Number of NO contacts</b>	
• for auxiliary contacts	
— instantaneous contact	1
<b>Product expansion Auxiliary switch</b>	Yes
<b>Operating current at AC-12 maximum</b>	10 A
<b>Operating current at AC-15</b>	
• at 230 V Rated value	10 A
• at 400 V Rated value	3 A
• at 690 V Rated value	1 A
<b>Operating current at DC-12</b>	
• at 60 V Rated value	6 A
• at 110 V Rated value	3 A
• at 125 V Rated value	2 A
• at 220 V Rated value	1 A
• at 600 V Rated value	0.15 A
<b>Operating current at DC-13</b>	
• at 24 V Rated value	10 A
• at 60 V Rated value	2 A
• at 110 V Rated value	1 A
• at 125 V Rated value	0.9 A
• at 220 V Rated value	0.3 A
• at 600 V Rated value	0.1 A
<b>Contact reliability of the auxiliary contacts</b>	1 faulty switching per 100 million (17 V, 1 mA)