

— at 24 V Rated value	42 A
— at 440 V Rated value	0.27 A
<b>Operating current with 3 current paths in series</b>	
• at DC-1	
— at 24 V Rated value	42 A
— at 110 V Rated value	42 A
— at 220 V Rated value	42 A
— at 440 V Rated value	2.9 A
• at DC-3 at DC-5	
— at 110 V Rated value	42 A
— at 220 V Rated value	10 A
— at 24 V Rated value	42 A
— at 440 V Rated value	0.6 A
<b>Operating power</b>	
• at AC-1	
— at 230 V at 60 °C Rated value	16 kW
— at 400 V at 60 °C Rated value	28 kW
<b>Active power loss at AC-3 at 400 V for rated value of the operating current per conductor</b>	2.7 W
<b>Operating frequency</b>	
• at AC-1 maximum	1 000 1/h
• at AC-2 maximum	750 1/h
• at AC-3 maximum	750 1/h
• at AC-4 maximum	250 1/h
<b>No-load switching frequency</b>	
• with AC	5 000 1/h
<b>Control circuit/ Control:</b>	
<b>Type of voltage of the control supply voltage</b>	AC
<b>Control supply voltage with AC</b>	
• at 50 Hz Rated value	24 V
<b>Operating range factor control supply voltage rated value of the magnet coil with AC</b>	
• at 50 Hz	0.8 ... 1.1
• at 60 Hz	0.85 ... 1.1
<b>Apparent pick-up power of the magnet coil with AC</b>	
• at 50 Hz	77 V·A
<b>Inductive power factor with closing power of the coil</b>	
• at 50 Hz	0.82
<b>Apparent holding power of the magnet coil with AC</b>	
• at 50 Hz	9.8 V·A
<b>Inductive power factor with the holding power of the coil</b>	

<ul style="list-style-type: none"> <li>• at 50 Hz</li> </ul>	0.25
<b>Closing delay</b>	
<ul style="list-style-type: none"> <li>• with AC</li> </ul>	8 ... 40 ms
<b>Opening delay</b>	
<ul style="list-style-type: none"> <li>• with AC</li> </ul>	4 ... 16 ms
<b>Arcing time</b>	10 ... 10 ms

#### Auxiliary circuit:

<b>Number of NC contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>— instantaneous contact</li> </ul> </li> </ul>	1
<b>Number of NO contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>— instantaneous contact</li> </ul> </li> </ul>	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>	
<ul style="list-style-type: none"> <li>• at 230 V Rated value</li> <li>• at 400 V Rated value</li> <li>• at 690 V Rated value</li> </ul>	10 A 3 A 1 A
<b>Operating current at DC-12</b>	
<ul style="list-style-type: none"> <li>• at 60 V Rated value</li> <li>• at 110 V Rated value</li> <li>• at 125 V Rated value</li> <li>• at 220 V Rated value</li> <li>• at 600 V Rated value</li> </ul>	6 A 3 A 2 A 1 A 0.15 A
<b>Operating current at DC-13</b>	
<ul style="list-style-type: none"> <li>• at 24 V Rated value</li> <li>• at 60 V Rated value</li> <li>• at 110 V Rated value</li> <li>• at 125 V Rated value</li> <li>• at 220 V Rated value</li> <li>• at 600 V Rated value</li> </ul>	10 A 2 A 1 A 0.9 A 0.3 A 0.1 A
<b>Contact reliability of the auxiliary contacts</b>	1 faulty switching per 100 million (17 V, 1 mA)

#### UL/CSA ratings:

<b>Full-load current (FLA) for three-phase AC motor</b>	
<ul style="list-style-type: none"> <li>• at 480 V Rated value</li> <li>• at 600 V Rated value</li> </ul>	14 A 17 A
<b>yielded mechanical performance [hp]</b>	
<ul style="list-style-type: none"> <li>• for single-phase AC motor <ul style="list-style-type: none"> <li>— at 110/120 V Rated value</li> <li>— at 230 V Rated value</li> </ul> </li> </ul>	1 hp 3 hp