

<ul style="list-style-type: none"> <li>• with 2 current paths in series at DC-1 <ul style="list-style-type: none"> <li>— at 24 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> </ul> </li> </ul>	<p>55 A</p> <p>45 A</p> <p>5 A</p> <p>1 A</p>
<b>Operating current</b>	
<ul style="list-style-type: none"> <li>• at 1 current path at DC-3 at DC-5 <ul style="list-style-type: none"> <li>— at 24 V per NC contact rated value</li> <li>— at 24 V per NO contact rated value</li> <li>— at 110 V per NC contact rated value</li> <li>— at 110 V per NO contact rated value</li> <li>— at 220 V per NC contact rated value</li> <li>— at 220 V per NO contact rated value</li> <li>— at 440 V per NC contact rated value</li> <li>— at 440 V per NO contact rated value</li> </ul> </li> <li>• with 2 current paths in series at DC-3 at DC-5 <ul style="list-style-type: none"> <li>— at 24 V per NC contact rated value</li> <li>— at 24 V per NO contact rated value</li> <li>— at 110 V per NC contact rated value</li> <li>— at 110 V per NO contact rated value</li> <li>— at 220 V per NC contact rated value</li> <li>— at 220 V per NO contact rated value</li> <li>— at 440 V per NC contact rated value</li> <li>— at 440 V per NO contact rated value</li> </ul> </li> </ul>	<p>35 A</p> <p>35 A</p> <p>1.25 A</p> <p>2.5 A</p> <p>0.5 A</p> <p>1 A</p> <p>0.045 A</p> <p>0.1 A</p> <p>55 A</p> <p>55 A</p> <p>12.5 A</p> <p>25 A</p> <p>2.5 A</p> <p>5 A</p> <p>0.135 A</p> <p>0.27 A</p>
<b>Operating power</b>	
<ul style="list-style-type: none"> <li>• at AC-1 <ul style="list-style-type: none"> <li>— at 230 V rated value</li> <li>— at 400 V rated value</li> </ul> </li> <li>• at AC-2 at AC-3 <ul style="list-style-type: none"> <li>— at 230 V per NC contact rated value</li> <li>— at 230 V per NO contact rated value</li> <li>— at 400 V per NC contact rated value</li> <li>— at 400 V per NO contact rated value</li> </ul> </li> </ul>	<p>23 kW</p> <p>39 kW</p> <p>11 kW</p> <p>11 kW</p> <p>18.5 kW</p> <p>18.5 kW</p>
<b>Thermal short-time current limited to 10 s</b>	420 A
<b>Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor</b>	4 W
<b>No-load switching frequency</b>	
<ul style="list-style-type: none"> <li>• at AC</li> <li>• at DC</li> </ul>	<p>500 1/h</p> <p>500 1/h</p>
<b>Operating frequency</b>	
<ul style="list-style-type: none"> <li>• at AC-1 maximum</li> </ul>	350 1/h

## Control circuit/ Control

<b>Type of voltage of the control supply voltage</b>	AC/DC
<b>Control supply voltage at AC</b>	
• at 50 Hz rated value	175 ... 280 V
• at 60 Hz rated value	175 ... 280 V
<b>Control supply voltage at DC</b>	
• rated value	175 ... 280 V
<b>Operating range factor control supply voltage rated value of magnet coil at DC</b>	
• initial value	0.8
• Full-scale value	1.1
<b>Operating range factor control supply voltage rated value of magnet coil at AC</b>	
• at 50 Hz	0.8 ... 1.1
• at 60 Hz	0.8 ... 1.1
<b>Design of the surge suppressor</b>	with varistor
<b>Apparent pick-up power of magnet coil at AC</b>	110 V·A
• at 50 Hz	110 V·A
• at 60 Hz	110 V·A
<b>Inductive power factor with closing power of the coil</b>	0.72
• at 50 Hz	0.95
• at 60 Hz	0.95
<b>Apparent holding power of magnet coil at AC</b>	2.5 V·A
• at 50 Hz	2.5 V·A
• at 60 Hz	2.5 V·A
<b>Inductive power factor with the holding power of the coil</b>	0.95
• at 50 Hz	0.95
• at 60 Hz	0.95
<b>Closing power of magnet coil at DC</b>	70 W
<b>Holding power of magnet coil at DC</b>	1.5 W
<b>Closing delay</b>	
• at AC	30 ... 70 ms
• at DC	30 ... 70 ms
<b>Opening delay</b>	
• at AC	30 ... 55 ms
• at DC	30 ... 55 ms
<b>Arcing time</b>	10 ... 20 ms
<b>Control version of the switch operating mechanism</b>	UC
<b>Residual current of the electronics for control with signal &lt;0&gt;</b>	
• at AC at 230 V maximum permissible	20 A
• at DC at 24 V maximum permissible	20 A