

<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>	55 A 45 A 5 A 1 A
<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>	35 A 35 A 1.25 A 2.5 A 0.5 A 1 A 0.045 A 0.1 A 55 A 55 A 12.5 A 25 A 2.5 A 5 A 0.135 A 0.27 A
<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>	23 kW 39 kW 11 kW 11 kW 18.5 kW 18.5 kW
<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>	500 1/h 500 1/h
<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	20 ... 33 V
• at 60 Hz rated value	20 ... 33 V
<b>Control supply voltage at DC</b>	
• rated value	20 ... 33 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