

<ul style="list-style-type: none"> • with 2 current paths in series at DC-1 <ul style="list-style-type: none"> — at 24 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value 	55 A 45 A 5 A 1 A
Operating current	
<ul style="list-style-type: none"> • at 1 current path at DC-3 at DC-5 <ul style="list-style-type: none"> — at 24 V per NC contact rated value — at 24 V per NO contact rated value — at 110 V per NC contact rated value — at 110 V per NO contact rated value — at 220 V per NC contact rated value — at 220 V per NO contact rated value — at 440 V per NC contact rated value — at 440 V per NO contact rated value • with 2 current paths in series at DC-3 at DC-5 <ul style="list-style-type: none"> — at 24 V per NC contact rated value — at 24 V per NO contact rated value — at 110 V per NC contact rated value — at 110 V per NO contact rated value — at 220 V per NC contact rated value — at 220 V per NO contact rated value — at 440 V per NC contact rated value — at 440 V per NO contact rated value 	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
Operating power	
<ul style="list-style-type: none"> • at AC-1 <ul style="list-style-type: none"> — at 230 V rated value — at 400 V rated value • at AC-2 at AC-3 <ul style="list-style-type: none"> — at 230 V per NC contact rated value — at 230 V per NO contact rated value — at 400 V per NC contact rated value — at 400 V per NO contact rated value 	26 kW 46 kW 15 kW 15 kW 22 kW 22 kW
Thermal short-time current limited to 10 s	420 A
Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor	4 W
No-load switching frequency	
<ul style="list-style-type: none"> • at AC • at DC 	500 1/h 500 1/h
Operating frequency	
<ul style="list-style-type: none"> • at AC-1 maximum 	350 1/h

Control circuit/ Control

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