

Reference: 3RT1056-6AP36

CONTACTOR, 90KW/400V/AC-3, AC (50...60HZ)/DC OPERATION UC 220...240V AUXIL. CONTACTS 2NO+2NC 3-POLE, SIZE S6 BAR CONNECTIONS CONVENT. OPERATING MECHANISM **SCREW TERMINAL** 

**Buy it at Electric Automation Network** 



product brand name	SIRIUS
Product designation	power contactor
General technical data:	
Size of contactor	56
Insulation voltage	
rated value	1 000 V
Degree of pollution	3
Surge voltage resistance rated value	8 kV
maximum permissible voltage for safe isolation	
between coil and main contacts acc. to EN 60947-1	690 V
Protection class IP	
on the front	IP00
of the terminal	IP00
Shock resistance	
at rectangular impulse	
— at AC	8,5g / 5 ms, 4,2g / 10 ms
— at DC	8,5g / 5 ms, 4,2g / 10 ms
with sine pulse	
— at AC	13,4g / 5 ms, 6,5g / 10 ms
— at DC	13,4g / 5 ms, 6,5g / 10 ms
Mechanical service life (switching cycles)	

of contactor typical	10 000 000
of the contactor with atd>	5 000 000
of the contactor with atd>	10 000 000
Ambient conditions:	
Installation altitude at height above sea level maximum	2 000 m
Ambient temperature	
during operation	-25 +60 °C
during storage	-55 +80 °C
Main circuit:	
Number of NO contacts for main contacts	3
Number of NC contacts for main contacts	0
Operating current	
at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	215 A
at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	215 A
— up to 690 V at ambient temperature 60 °C rated value	185 A
— up to 1000 V at ambient temperature 40 °C rated value	100 A
— up to 1000 V at ambient temperature 60 °C rated value	100 A
at AC-3	
— at 400 V rated value	185 A
— at 690 V rated value	170 A
— at 1000 V rated value	65 A
Connectable conductor cross-section in main circuit at AC-1	
at 60 °C minimum permissible	95 mm²
at 40 °C minimum permissible	95 mm²
Operating current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	81 A
at 690 V rated value	65 A
Operating current	
at 1 current path at DC-1	
— at 24 V rated value	160 A
— at 110 V rated value	18 A
with 2 current paths in series at DC-1	
— at 24 V rated value	160 A

with 3 current paths in series at DC-1  - at 24 V rated value 160 A  - at 110 V rated value 160 A  Operating current at 1 current path at DC-3 at DC-5  - at 24 V rated value 160 A  - at 110 V rated value 160 A  - at 24 V rated value 160 A  - at 25 V rated value 160 A  - at 260 V rated value 160 A  - at 260 V rated value 121 kW  - at 690 V rated value 121 kW  - at 690 V rated value 165 W  at AC-2 at 400 V rated value 165 W  at AC-3 - at 230 V rated value 104 kW  - at 400 V rated value 104 kW  - at 400 V rated value 104 kW  - at 400 V rated value 107 kW  - at 400 V rated value 167 kW  - at 400 V rated value 167 kW  - at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss (W) at AC-3 at 400 V for rated value of the operating current per conductor  No-load switching frequency  Operating frequency	— at 110 V rated value	160 A
- at 24 V rated value 160 A  - at 110 V rated value 160 A  Operating current at 1 current path at DC-3 at DC-5  - at 24 V rated value 160 A  - at 110 V rated value 2.5 A  with 2 current paths in series at DC-3 at DC-5  - at 110 V rated value 160 A  - at 24 V rated value 160 A  with 3 current paths in series at DC-3 at DC-5  - at 110 V rated value 160 A  with 3 current paths in series at DC-3 at DC-5  - at 110 V rated value 160 A  Operating power at AC-1  - at 230 V at 60 °C rated value 70 kW  - at 400 V rated value 121 kW  - at 690 V rated value 165 W  at AC-3  - at 200 V at 60 °C rated value 165 W  at AC-3  - at 200 V rated value 104 kW  - at 500 V rated value 104 kW  - at 400 V rated value 170 kW  - at 400 V rated value 104 kW  - at 400 V rated value 104 kW  - at 400 V rated value 170 kW  - at	with 3 current paths in series at DC-1	
According current   at 1 current path at DC-3 at DC-5		160 A
According current   at 1 current path at DC-3 at DC-5	— at 110 V rated value	160 A
at 1 current path at DC-3 at DC-5  — at 24 V rated value 160 A  — at 110 V rated value 2.5 A  with 2 current paths in series at DC-3 at DC-5  — at 110 V rated value 160 A  — at 24 V rated value 160 A  with 3 current paths in series at DC-3 at DC-5  — at 110 V rated value 160 A  with 3 current paths in series at DC-3 at DC-5  — at 110 V rated value 160 A  Operating power at AC-1  — at 230 V at 60 °C rated value 70 kW  — at 400 V rated value 121 kW  — at 690 V rated value 210 kW  — at 690 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 165 W  at AC-3 at 400 V rated value 104 kW  at AC-3 at 400 V rated value 104 kW  — at 230 V rated value 104 kW  — at 200 V rated value 107 kW  — at 200 V rated value 109 kW  — at 200 V rated value 165 kW  — at 400 V rated value 165 kW  — at 400 V rated value 45 kW  — at 690 V rated value 167 kW  — at 690 V rated value 158 kW  At 690 V rated	Operating current	
- at 24 V rated value		
— at 110 V rated value         2.5 A           with 2 current paths in series at DC-3 at DC-5         — at 110 V rated value           — at 24 V rated value         160 A           with 3 current paths in series at DC-3 at DC-5         — at 110 V rated value           — at 24 V rated value         160 A           Operating power         — at 230 V at 60 °C rated value         70 kW           — at 400 V rated value         121 kW           — at 690 V at 60 °C rated value         210 kW           — at 1000 V at 60 °C rated value         165 W           at AC-3         — at 230 V rated value         104 kW           at AC-3         — at 230 V rated value         104 kW           — at 400 V rated value         104 kW           — at 500 V rated value         107 kW           — at 690 V rated value         167 kW           — at 690 V rated value         13 kW           — at 400 V rated value         45 kW           — at 400 V rated value         65 kW           Thermal short-time current limited to 10 s         1 480 A           Power loss [W] at AC-3 at 400 V for rated value of the operating current per c		160 A
with 2 current paths in series at DC-3 at DC-5  — at 110 V rated value 160 A  — at 24 V rated value 160 A  with 3 current paths in series at DC-3 at DC-5  — at 110 V rated value 160 A  — at 24 V rated value 160 A  Operating power  at AC-1  — at 230 V at 60 °C rated value 70 kW  — at 400 V rated value 210 kW  — at 690 V rated value 165 W  at AC-2 at 400 V rated value 165 W  at AC-3  — at 230 V at 60 °C rated value 165 W  at AC-3  — at 230 V at 60 °C rated value 165 W  at AC-3  — at 200 V rated value 104 kW  at AC-3  — at 230 V rated value 104 kW  at AC-3  — at 200 V rated value 167 kW  — at 400 V rated value 167 kW  — at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4 40 to V rated value 45 kW  at 400 V rated value 45 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h		
- at 110 V rated value 160 A  - at 24 V rated value 160 A  with 3 current paths in series at DC-3 at DC-5  - at 110 V rated value 160 A  Operating power  at AC-1  - at 230 V at 60 °C rated value 121 kW  - at 690 V rated value 210 kW  at AC-3  - at 230 V rated value 165 W  at AC-3  - at 230 V rated value 104 kW  at AC-3  - at 230 V rated value 104 kW  - at 690 V rated value 105 kW  - at 1000 V at 60 °C rated value 104 kW  at AC-3  - at 230 V rated value 104 kW  at AC-3  - at 230 V rated value 104 kW  - at 400 V rated value 107 kW  - at 400 V rated value 50 kW  - at 500 V rated value 167 kW  - at 500 V rated value 167 kW  - at 690 V rated value 567 kW  - at 690 V rated value 567 kW  - at 690 V rated value 567 kW  - at 690 V rated value 568 kW  Thermal short-time current limited to 10 s 1480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency at AC  at ACC 2000 1/h  at DC 2000 1/h		
— at 24 V rated value       160 A         with 3 current paths in series at DC-3 at DC-5         — at 110 V rated value       160 A         — at 24 V rated value       160 A         Operating power         at AC-1       —         — at 230 V at 60 °C rated value       70 kW         — at 400 V rated value       210 kW         — at 690 V at 60 °C rated value       210 kW         — at 1000 V at 60 °C rated value       165 W         at AC-2 at 400 V rated value       104 kW         at AC-3 at 400 V rated value       61 kW         — at 230 V rated value       104 kW         — at 400 V rated value       132 kW         — at 690 V rated value       167 kW         — at 1000 V rated value       90 W         Operating power for approx. 200000 operating cycles at AC-4       45 kW         at 400 V rated value       45 kW         at 690 V rated value       65 kW         Thermal short-time current limited to 10 s       1 480 A         Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor       13 W         No-load switching frequency       2 000 1/h         at DC       2 000 1/h		160 A
with 3 current paths in series at DC-3 at DC-5  — at 110 V rated value 160 A  — at 24 V rated value 160 A  Operating power at AC-1  — at 230 V at 60 °C rated value 70 kW  — at 400 V rated value 210 kW  — at 690 V at 60 °C rated value 210 kW  — at 1000 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3  — at 230 V rated value 61 kW  — at 400 V rated value 104 kW  — at 690 V rated value 104 kW  at AC-3  — at 230 V rated value 104 kW  — at 400 V rated value 104 kW  — at 400 V rated value 156 kW  — at 690 V rated value 167 kW  — but 1000 V rated value 167 kW  — at 1000 V rated value 17 kW  — at 1000 V rated value 18 kW  — at 200 V rated value 190 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 13 kW  Thermal short-time current limited to 10 s 1480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2000 1/h		
at 110 V rated value 160 A  at 24 V rated value 160 A  Operating power  at AC-1  at 230 V at 60 °C rated value 70 kW  at 400 V rated value 121 kW  at 690 V rated value 210 kW  at 690 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3  at 230 V rated value 61 kW  at 500 V rated value 104 kW  at AC-3  at 230 V rated value 104 kW  at 690 V rated value 104 kW  at 690 V rated value 104 kW  at 400 V rated value 104 kW  at 500 V rated value 167 kW  at 690 V rated value 167 kW  at 1000 V rated value 167 kW  at 1000 V rated value 167 kW  at 1000 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 13 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h		100 A
Departing power at AC-1  - at 230 V at 60 °C rated value  - at 400 V rated value  - at 690 V at 60 °C rated value  - at 690 V at 60 °C rated value  - at 1000 V at 60 °C rated value  - at 1000 V at 60 °C rated value  - at 1000 V at 60 °C rated value  - at 230 V rated value  - at 400 V rated value  - at 400 V rated value  - at 500 V rated value  - at 500 V rated value  - at 500 V rated value  - at 690 V rated value  - at 500 V rated value  - at 690 V rated value  - at 690 V rated value  - at 690 V rated value  - at 1000 V rated value  - at 690 V rated value  - at 690 V rated value  - at 690 V rated value  - at 1000 V rated value  - at 690 V rated v		160 A
Operating power  at AC-1  — at 230 V at 60 °C rated value 70 kW  — at 400 V rated value 121 kW  — at 690 V rated value 210 kW  — at 690 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3  — at 230 V rated value 61 kW  — at 400 V rated value 104 kW  — at 90 V rated value 104 kW  — at 90 V rated value 104 kW  — at 90 V rated value 107 kW  — at 90 V rated value 167 kW  — at 1000 V rated value 167 kW  — at 1000 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 55 kW  Thermal short-time current limited to 10 s 1480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h		
at AC-1  — at 230 V at 60 °C rated value 70 kW  — at 400 V rated value 121 kW  — at 690 V rated value 210 kW  — at 690 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3 1000 V rated value 104 kW  at AC-3 1000 V rated value 104 kW  — at 230 V rated value 104 kW  — at 230 V rated value 104 kW  — at 400 V rated value 132 kW  — at 500 V rated value 167 kW  — at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 55 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h		100 A
- at 230 V at 60 °C rated value 70 kW  - at 400 V rated value 121 kW  - at 690 V rated value 210 kW  - at 690 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3  - at 230 V rated value 61 kW  - at 400 V rated value 104 kW  - at 400 V rated value 104 kW  - at 500 V rated value 104 kW  - at 500 V rated value 132 kW  - at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 55 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor  No-load switching frequency  at DC 2 000 1/h  at DC 2 000 1/h		
- at 400 V rated value 210 kW  - at 690 V at 60 °C rated value 210 kW  - at 1000 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3  61 kW  - at 230 V rated value 104 kW  - at 400 V rated value 104 kW  - at 400 V rated value 104 kW  - at 500 V rated value 107 kW  - at 500 V rated value 167 kW  - at 1000 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4 at 400 V rated value 45 kW  at 400 V rated value 55 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency at AC 2 000 1/h  at DC 2 000 1/h		70 1 1 1 1
- at 690 V rated value 210 kW  - at 690 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3 - at 230 V rated value 104 kW  - at 500 V rated value 104 kW  - at 500 V rated value 104 kW  - at 500 V rated value 105 kW  - at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 55 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h		
- at 690 V at 60 °C rated value 210 kW  - at 1000 V at 60 °C rated value 165 W  at AC-2 at 400 V rated value 104 kW  at AC-3  - at 230 V rated value 61 kW  - at 400 V rated value 104 kW  - at 500 V rated value 132 kW  - at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 55 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h		
at AC-2 at 400 V rated value  at AC-3  - at 230 V rated value  - at 400 V rated value  - at 500 V rated value  - at 690 V rated value  - at 1000 V rated value  - at 1000 V rated value  - at 690 V rated value  - at 1000 V rated value  - at 400 V rated value  - at 400 V rated value  - at 400 V rated value  - at 200 V rated value  - at 400 V rated value  - at 200 V rated value  - 2000 V rated value		•
at AC-2 at 400 V rated value  at AC-3  - at 230 V rated value  - at 400 V rated value  - at 500 V rated value  - at 690 V rated value  - at 1000 V rated value  90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value  45 kW  at 690 V rated value  55 kW  Thermal short-time current limited to 10 s  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor  No-load switching frequency  at AC  2 000 1/h  at DC  2 000 1/h	— at 690 V at 60 °C rated value	210 kW
at AC-3  — at 230 V rated value 61 kW  — at 400 V rated value 104 kW  — at 500 V rated value 132 kW  — at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h	— at 1000 V at 60 °C rated value	165 W
- at 230 V rated value 61 kW  - at 400 V rated value 104 kW  - at 500 V rated value 152 kW  - at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h	at AC-2 at 400 V rated value	104 kW
- at 400 V rated value 104 kW  - at 500 V rated value 167 kW  - at 1000 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4 45 kW  at 400 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency at AC 2 000 1/h  at DC 2 000 1/h	at AC-3	
- at 500 V rated value 167 kW  - at 1000 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h	— at 230 V rated value	61 kW
- at 690 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h	— at 400 V rated value	104 kW
— at 1000 V rated value 90 W  Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value 45 kW  at 690 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h	— at 500 V rated value	132 kW
Operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value	— at 690 V rated value	167 kW
at 400 V rated value 45 kW  at 690 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h	— at 1000 V rated value	90 W
at 690 V rated value 65 kW  Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency 2 000 1/h  at DC 2 000 1/h		
Thermal short-time current limited to 10 s 1 480 A  Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W  No-load switching frequency 2 000 1/h  at DC 2 000 1/h	at 400 V rated value	45 kW
Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor  No-load switching frequency  at AC  at DC  2 000 1/h  2 000 1/h	at 690 V rated value	65 kW
operating current per conductor  No-load switching frequency  at AC 2 000 1/h  at DC 2 000 1/h	Thermal short-time current limited to 10 s	1 480 A
at AC 2 000 1/h at DC 2 000 1/h		13 W
at DC 2 000 1/h	No-load switching frequency	
	at AC	2 000 1/h
Operating frequency	at DC	2 000 1/h
	Operating frequency	

at AC-1 maximum	800 1/h
at AC-2 maximum	300 1/h
at AC-3 maximum	750 1/h
at AC-4 maximum	130 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	220 240 V
at 60 Hz rated value	220 240 V
Control supply voltage at DC	
rated value	220 240 V
Control supply voltage frequency 1 rated value	50 Hz
Control supply voltage frequency 2 rated value	60 Hz
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
Operating range factor control supply voltage rated value of magnet coil at DC	0.8 1.1
Design of the surge suppressor	with varistor
Apparent pick-up power of magnet coil at AC	300 V·A
Inductive power factor with closing power of the coil	0.9
Apparent holding power of magnet coil at AC	5.8 V·A
Inductive power factor with the holding power of the coil	0.8
Closing power of magnet coil at DC	360 W
Holding power of magnet coil at DC	5.2 W
Closing delay	
at AC	20 95 ms
at DC	20 95 ms
Opening delay	
at AC	40 60 ms
at DC	40 60 ms
Arcing time	10 15 ms
Auxiliary circuit:	
Number of NC contacts	
for auxiliary contacts	
— instantaneous contact	2
Number of NO contacts	
for auxiliary contacts	

— instantaneous contact	2
Operating current at AC-12 maximum	10 A
Operating current at AC-15	
at 230 V rated value	6 A
at 400 V rated value	3 A
Operating current at DC-12	
at 60 V rated value	6 A
at 110 V rated value	3 A
at 220 V rated value	1 A
Operating current at DC-13	
at 24 V rated value	10 A
at 60 V rated value	2 A
at 110 V rated value	1 A
at 220 V rated value	0.3 A
UL/CSA ratings:	
Contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
Design of the fuse link	
for short-circuit protection of the main circuit	
— with type of coordination 1 required	fuse gL/gG: 355 A
— with type of assignment 2 required	fuse gL/gG: 315 A
for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
Installation/ mounting/ dimensions:	
Mounting type	screw fixing
Side-by-side mounting	Yes
Height	172 mm
Witd>	120 mm
Depth	170 mm
Required spacing	
for grounded parts	
— at the side	10 mm
Connections/Terminals:	
Type of electrical connection	
for main current circuit	screw-type terminals
for auxiliary and control current circuit	screw-type terminals
Type of connectable conductor cross-sections	
at AWG conductors for main contacts	4 250 kcmil

Type of connectable conductor cross-sections	
for auxiliary contacts	
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
at AWG conductors for auxiliary contacts	2x (20 16), 2x (18 14), 1x 12