## SIEMENS

## Data sheet

## 3RT2017-1BE42



power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 60 V DC 3-pole, Size S00 screw terminal

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S00
product extension	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	1.5 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	0.5 W
<ul> <li>without load current share typical</li> </ul>	4 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	7.3g / 5 ms, 4.7g / 10 ms
shock resistance with sine pulse	
• at DC	11,4g / 5 ms, 7,3g / 10 ms
mechanical service life (switching cycles)	
<ul> <li>of contactor typical</li> </ul>	30 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
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
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %

Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> </ul>	22 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	22 A
— up to 690 V at ambient temperature 60 °C rated value	20 A
• at AC-3	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
• at AC-4 at 400 V rated value	8.5 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	19.4 A
• at AC-5b up to 400 V rated value	9.9 A
• at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	7.2 A
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	7.2 A
— up to 500 V for current peak value n=20 rated value	7.2 A
<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	6.7 A
<ul> <li>at AC-6a         <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul> </li> </ul>	4.8 A
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	4.8 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	4.8 A
— up to 690 V for current peak value n=30 rated value	4.8 A
minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating	4 mm <sup>2</sup>
cycles at AC-4	
• at 400 V rated value	4.1 A
• at 690 V rated value	3.3 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	20 A
— at 110 V rated value	2.1 A
— at 220 V rated value	0.8 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
- at 24 V rated value	20 A
— at 110 V rated value	12 A
	1.6 A
— at 220 V rated value	
— at 440 V rated value	0.8 A
— at 600 V rated value	0.7 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	

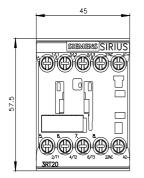
— at 24 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	20 A
— at 440 V rated value	1.3 A
— at 600 V rated value	1 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 110 V rated value	0.1 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 110 V rated value	0.35 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	1.5 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.2 A
operating power	
• at AC-3	
- at 230 V rated value	3 kW
- at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
• at AC-3e	0.0 (W)
- at 230 V rated value	3 kW
— at 200 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
operating power for approx. 200000 operating cycles	5.5 KW
at AC-4	
<ul> <li>at 400 V rated value</li> </ul>	2 kW
• at 690 V rated value	2.5 kW
operating apparent power at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	2.8 kVA
• up to 400 V for current peak value n=20 rated value	4.9 kVA
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	6.2 kVA
• up to 690 V for current peak value n=20 rated value	8 kVA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	1.9 kVA
• up to 400 V for current peak value n=30 rated value	3.3 kVA
• up to 500 V for current peak value n=30 rated value	4.1 kVA
• up to 690 V for current peak value n=30 rated value	5.7 kVA
short-time withstand current in cold operating state up to 40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	200 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	123 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	96 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	74 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	61 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
● at DC	10 000 1/h
operating frequency	
● at AC-1 maximum	1 000 1/h
• at AC-2 maximum	750 1/h
<ul> <li>at AC-3 maximum</li> </ul>	750 1/h
<ul> <li>at AC-3e maximum</li> </ul>	750 1/h
● at AC-4 maximum	250 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC	

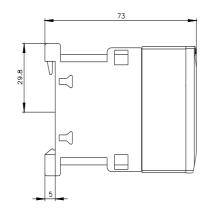
Inited value     Portating range factor control supply voltage rated value of magnet coll at DC     Initial value		
value of magnet coll at DC         0.8           • Initial value         0.8           • Initial value         1.1           closing operer of magnet coll at DC         4.W           • Initial value         0.8           • Initial value         0.8           • Initial value         0.8           • Initial value         0.4           • Initial value         0.4           • Initial value         0.9           • Initial value         0	rated value	60 V
Initial value     Initian     Initial value     Initian     Initial value     Initian		
• full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W         closing delay		0.0
closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W         closing delay       30 100 ms         • at DC       30 100 ms         opening delay       100 15 ms         • at DC       7 13 ms         arcing time       10 15 ms         control version of the switch operating mechanism       Standard A1 - A2         Awaking victurent at AC-12 maximum       10.A         operational current at AC-12 maximum       10.A         operational current at AC-15       1         • at 280 V rated value       10.A         • at 60 V rated value       1A         operational current at AC-15       6.A         • at 80 V rated value       6.A         • at 80 V rated value       6.A         • at 80 V rated value       1A         operational current at AC-13         • at 24 V rated value       10.A         • at 80 V rated value       2.A         • at 80 V rated value       2.A         • at 125 V rated value       2.A         • at 24 V rated value       10.A         • at 24 V rated value       2.A         • at 120 V rated value       2.A         • at 60 V rated value       2.A		
hoting power of magnet coil at DC     4 W       closing delay		
closing delay       a) 100 ms         opening delay		
• at DC     30 100 ms       opening delay     7 13 ms       arcing time     0 16 ms       control version of the switch operating mechanism     10 16 ms       Auxitary circuit     1       number of NC contacts for auxiliary contacts     1       instantaneous contact     10.A       operational current at AC-15     1       • at 200 V rated value     1A       • at 300 V rated value     2A       • at 300 V rated value     1A       operational current at AC-15     1       • at 300 V rated value     2A       • at 300 V rated value     1A       operational current at DC-12     1A       • at 300 V rated value     6A       • at 300 V rated value     6A       • at 300 V rated value     6A       • at 300 V rated value     1A       operational current at DC-12     1A       • at 300 V rated value     1A       • at 400 V rated value     1A       • at 300 V rated value     1A       • at 400 V rated value     1A       • at 400 V rated v		4 VV
opening delay     7 13 ms       • at DC     7 13 ms       arcing time     10 15 ms       control version of the switch oparating mechanism     Standard A1 - A2       Avxilary decret     1       number of NC contacts for auxiliary contacts     1       instananceus contact     1       operational current at AC-12 maximum     10 A       operational current at AC-12 maximum     10 A       operational current at AC-12 maximum     10 A       operational current at DC-12     10 A       • at 800 V rated value     2 A       • at 800 V rated value     6 A       • at 80 V rated value     6 A       • at 80 V rated value     1 A       operational current at DC-13     1 A       • at 80 V rated value     2 A       • at 80 V rated value     1 A   <		
• at DC     713 ms       arcing time     1015 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     1       number of NC contects for auxiliary contacts     1       operational current at AC-15     1       • at 230 V rated value     10 A       • at 230 V rated value     2 A       • at 600 V rated value     1 A       • of 240 V rated value     6 A       • at 40 V rated value     6 A       • at 40 V rated value     6 A       • at 100 V rated value     1 A       operational current at DC-12     • at 40 V rated value       • at 40 V rated value     6 A       • at 100 V rated value     1 A       • at 200 V rated value     1 A       • at 200 V rated value     2 A       • at 100 V rated value     1 A       • at 200 V rated value     1 A       • at 200 V rated value     2 A       • at 200 V rated value     2 A       • at 210 V rated value     1 A       • at 220 V rated value     1 A       • at 220 V rated value     0 A       • at 220 V rated value     1 A		30 100 ms
arcing time     1015 ms       control version of the switch oparating mechanism     Standard A1 - A2       Auxiliary circuit     Standard A1 - A2       number of NC contacts for auxiliary contacts     1       instantaneous contact     10.A       operational current at AC-12 maximum     10.A       operational current at DC-12     0       • at 600 V rated value     6.A       • at 600 V rated value     6.A       • at 10 V rated value     6.A       • at 220 V rated value     10.A       • at 220 V rated value     0.15 A       operational current at DC-13     0.15 A       • at 220 V rated value     0.3 A       • at 220 V rated value     0.3 A       • at 220 V rated value     0.3 A       • at 220 V rated value     0.14 A       • at 220 V rated value     11 A       • at 220 V rated value     11 A       • at 220 V rated value		
control version of the switch operating mechanism         Standard A1 - A2           Auxinary circuit         Instantaneous contact instantaneous contact operational current at AC-15         1           operational current at AC-15         Instantaneous contact instantaneous contact operational current at AC-15         Instantaneous contact instantaneous contact operational current at AC-15           • at 200 V rated value         3 A         Instantaneous contact instantaneous contact operational current at BC-12         Instantaneous contact instantaneous contact instantaneous contact instantantaneous contact instantaneous contact instantantaneous contact instantaneous contact instantaneous contact instantaneous contact instantaneous contact instantantantantantantantantantantantantant		
Auxiliary circuit       1         number of NC contacts for auxiliary contacts       1         instantaneous contact       10 A         operational current at AC-12 maximum       10 A         • at 230 V rated value       10 A         • at 230 V rated value       2 A         • at 600 V rated value       1 A         operational current at AC-12       1 A         operational current at AC-12       1 A         • at 600 V rated value       1 A         operational current at DC-12       1 A         • at 60 V rated value       6 A         • at 60 V rated value       2 A         • at 60 V rated value       2 A         • at 60 V rated value       1 A         operational current at DC-13       2 A         • at 60 V rated value       0 A         • at 60 V rated value       0 A         • at 60 V rated value       0 A         • at 61 V rated value       2 A         • at 61 V rated value       2 A         • at 60 V rated value       1 A         • at 60 V rated value       0 A         • at 60 V rated value       0 A         • at 60 V rated value       0 A         • at 60 V rated value       1 A		
number of NC contacts for auxiliary contacts         1           instantinacous contact         1           operational current at AC-12 maximum         10 A           operational current at AC-15         10 A           • at 230 V rated value         3 A           • at 650 V rated value         1 A           operational current at DC-12         1 A           • at 60 V rated value         1 A           • at 60 V rated value         6 A           • at 60 V rated value         6 A           • at 10 V rated value         1 A           • at 20 V rated value         2 A           • at 20 V rated value         2 A           • at 20 V rated value         0.15 A           • at 40 V rated value         1 A           • at 20 V rated value         0.1 A           • at 20 V rated value         0.1 A           • at 20 V rated value         1 faulty switching per 100 m		Standard A1 - A2
inistanianeous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 60 V rated value • at 60 V rated value • at 125 V rated value • at 220 V rated value • at 22020 V rated value • at 3 hp • at 3 fbp • at 3	Auxiliary circuit	
operational current at AC-12 maximum         10 A           operational current at AC-12		1
operational current at AC-15         10 A           • el 230 V rated value         10 A           • el 500 V rated value         2 A           • el 500 V rated value         1 A           operational current at DC-12         1 A           • el 40 V rated value         6 A           • el 42 V rated value         6 A           • el 42 V rated value         2 A           • el 22 V rated value         2 A           • el 22 V rated value         2 A           • el 22 V rated value         0.15 A           operational current at DC-13         10 A           • el 24 V rated value         2 A           • el 60 V rated value         2 A           • el 60 V rated value         2 A           • el 60 V rated value         0.9 A           • el 22 V rated value         0.1 A           • el 60 V rated value         0.1 A           • el 60 V rated value         1 faulty switching per 100 million (17 V, 1 mA)           UL/CSA ratings         11 A           full-load current (FLA) for 3-phase AC motor         1 a           • el 600 V rated value		
<ul> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 600 V rated value</li> <li>at 690 V rated value</li> <li>at 60 V rated value</li> <li>at 60 V rated value</li> <li>at 60 V rated value</li> <li>at 750 V rated value</li> <li>at 600 V rated value</li> <li>bit 72 V rated value</li> <li>contact reliability of auxiliary contacts</li> <li>bit 72 V rated value</li> <li>bit 74 V rated value</li> <li>contact reliability of auxiliary contacts</li> <li>bit 200 V rated value</li> <li>bit 74 V rated value</li> <li>bit 74 V rated value&lt;</li></ul>		10 A
• at 400 V rated value     3 A       • • at 600 V rated value     2 A       • • at 600 V rated value     1 A       operational current at DC-12     0       • • at 24 V rated value     6 A       • • at 48 V rated value     6 A       • • at 600 V rated value     6 A       • • • • • • • • • • • • • • • • • • •		
<ul> <li>at 500 V rated value</li> <li>at 600 V rated value</li> <li>1A</li> <li>operational current at DC-12</li> <li>at 24 V rated value</li> <li>0A</li> <li>at 84 V rated value</li> <li>6A</li> <li>at 10 V rated value</li> <li>6A</li> <li>at 125 V rated value</li> <li>1A</li> <li>at 220 V rated value</li> <li>6A</li> <li>at 125 V rated value</li> <li>1A</li> <li>at 220 V rated value</li> <li>1A</li> <li>at 42 V rated value</li> <li>1A</li> <li>at 42 V rated value</li> <li>2A</li> <li>at 10 V rated value</li> <li>2A</li> <li>at 10 V rated value</li> <li>2A</li> <li>at 20 V rated value</li> <li>0.4</li> <li>at 20 V rated value</li> <li>0.4</li> <li>at 20 V rated value</li> <li>0.4</li> <li>at 600 V rated value</li> <li>0.5 hp</li> <li>at 200 V rated value</li> <li>11 A</li> <li>at 200/280 V rated value</li> <li>12 hp</li> <li>for 3-phase AC motor</li> <li>at 200/280 V rated value</li> <li>3 hp</li> <li>at 400/480 V rated value</li> <li>3 hp</li> <li>at 4200</li></ul>		
• at 680 V rated value       1 A         operational current at DC-12       10 A         • at 48 V rated value       6 A         • at 60 V rated value       6 A         • at 10 V rated value       3 A         • at 120 V rated value       2 A         • at 200 V rated value       0.15 A         operational current at DC-13       0.15 A         • at 600 V rated value       0.15 A         operational current at DC-13       0.16 A         • at 60 V rated value       2 A         • at 60 V rated value       0.15 A         operational current at DC-13       0.16 A         • at 42 V rated value       0.16 A         • at 60 V rated value       0.14 A         • at 220 V rated value       0.14 A         • at 60 V rated value       11 A         • at 60 V rated value       11 A         • at 60 V rated value       11 A         • at 60 V rated value       0.5 hp         - at 1200 V rated value       0.5 hp <td></td> <td></td>		
operational current at DC-12     10 A       • at 24 V rated value     10 A       • at 60 V rated value     6 A       • at 10 V rated value     6 A       • at 25 V rated value     2 A       • at 220 V rated value     10 A       • at 20 V rated value     2 A       • at 20 V rated value     0.15 A       operational current at DC-13     10 A       • at 48 V rated value     0.15 A       operational current at DC-13     10 A       • at 48 V rated value     2 A       • at 210 V rated value     2 A       • at 20 V rated value     0.9 A       • at 220 V rated value     0.1 A       • at 200 V rated value     0.1 A       • at 200 V rated value     0.1 A       • at 600 V rated value     11 A       • at 480 V rated value     11 A       • at 200208 V rat		
<ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>A</li> <li>at 40 V rated value</li> <li>A</li> <li>at 10 V rated value</li> <li>A</li> <li>at 110 V rated value</li> <li>A</li> <li>at 125 V rated value</li> <li>A</li> <li>at 200 V rated value</li> <li>A</li> <li>at 600 V rated value</li> <li>A</li> <li>at 610 V rated value</li> <li>A</li> <li>at 600 V rated value</li> <li>A</li> <li>A</li> <li>at 600 V rated value</li> <li>A</li> <li>B</li> <li>A</li> <li>A</li></ul>		1 A
<ul> <li>at 48 V rated value</li> <li>6 A</li> <li>at 10 V rated value</li> <li>6 A</li> <li>at 110 V rated value</li> <li>2 A</li> <li>at 22 V rated value</li> <li>1 A</li> <li>at 600 V rated value</li> <li>0.15 A</li> <li>operational current at DC-13</li> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 25 V rated value</li> <li>2 A</li> <li>at 20 V rated value</li> <li>2 A</li> <li>at 20 V rated value</li> <li>2 A</li> <li>at 30 V rated value</li> <li>3 A</li> <li>at 30 V rated value</li> <li>3 A</li> <li>at 600 V rated value</li> <li>1 A</li> <li>at 600 V rated value</li> <li>1 A</li> <li>bit 25 V rated value</li> <li>1 A</li> <li>contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>ULCSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>11 A</li> <li>ta 480 V rated value</li> <li>11 A</li> <li>ta 480 V rated value</li> <li>11 A</li> <li>ta 420 V rated value</li> <li>2 hp</li> <li>for single-phase AC motor</li> <li>- at 200/200 V rated value</li> <li>3 hp</li> <li>- at 200/200 V rated value</li> <li>3 hp</li> <li>- at 57/5800 V rated value</li> <li>- with type of coordination 1 r</li></ul>	•	
<ul> <li>at 60 V rated value</li> <li>6 A</li> <li>at 110 V rated value</li> <li>3 A</li> <li>at 220 V rated value</li> <li>1 A</li> <li>at 220 V rated value</li> <li>1 A</li> <li>at 60 V rated value</li> <li>0.15 A</li> <li>operational current at DC-13</li> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>10 A</li> <li>at 60 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>3 A</li> <li>at 60 V rated value</li> <li>1 A</li> <li>at 20 V rated value</li> <li>0.9 A</li> <li>at 200 V rated value</li> <li>0.1 A</li> <li>contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UUCSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 300 V rated value</li> <li>11 A</li> <li>ta 480 V rated value</li> <li>11 A</li> <li>ta 480 V rated value</li> <li>11 A</li> </ul> </li> <li>ta 480 V rated value</li> <li>11 A</li> <li>ta 480 V rated value</li> <li>11 A</li> <li>ta 480 V rated value</li> <li>11 A</li> <li>ta 480 V rated value</li> <li>5 hp</li> <li>at 230 V rated value</li> <li>2 hp</li> <li>for 3-phase AC motor</li> <li>- at 220/230 V rated value</li> <li>3 hp</li> <li>- at 200/280 V rated value</li> <li>3 hp</li> <li>- at 57/500 V rated value</li> <li>10 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Sbort-circuit protection of the main circuit</li> <li>- with type of assignment 2 required</li> <li>gG: 50A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA)<!--</td--><td></td><td></td></li></ul>		
<ul> <li>et 110 V rated value</li> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>0.15 A</li> <li>operational current at DC-13</li> <li>et at 42 V rated value</li> <li>0.16 A</li> <li>operational current at DC-13</li> <li>et at 43 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> <li>3 A</li> <li>at 60 V rated value</li> <li>0.5 hp</li> <li>at 200 V rated value</li> <li>11 A</li> <li>yielded mechanical performance [hp]</li> <li>for single-phase AC motor         <ul> <li>at 200 V rated value</li> <li>2 hp</li> <li>for 3-phase AC motor</li> <li>at 200 V rated value</li> <li>2 hp</li> <li>for 3-phase AC motor</li> <li>at 200 V rated value</li> <li>2 hp</li> <li>for 3-phase AC motor</li> <li>at 200 V rated value</li> <li>2 hp</li> <li>for 3-phase AC motor</li> <li>at 200 V rated value</li> <li>5 hp</li> <li>at 200 V rated value</li> <li>4 hot 0.5 hp</li> <li>at 200 V rated value</li> <li>4 hot 0.5 hp</li> <li>at 200 V rated value</li> <li>4 hot 0.5 hp</li> <li>at 200 V rated value</li> <li>5 hp</li> <li>at 3 hp</li> <li>at 500 V rated value</li> <li>5 hp</li> <li>at 600 V rated value</li> <li>5 hp</li> <li>at 500 V rated value</li> <li>5 hp</li> <li>at 600 V rated value</li> <li>5 hp</li> <li>at 55 hot-circuit protection of the main circuit</li> <li>with type of coordination 1 requir</li></ul></li></ul>		
<ul> <li>et at 25 V rated value</li> <li>et 22 V rated value</li> <li>0.15 A</li> <li>operational current at DC-13</li> <li>et 24 V rated value</li> <li>0.16 A</li> <li>et 44 V rated value</li> <li>10 A</li> <li>et 45 V rated value</li> <li>2 A</li> <li>et 60 V rated value</li> <li>2 A</li> <li>et 60 V rated value</li> <li>2 A</li> <li>et 110 V rated value</li> <li>2 A</li> <li>et 110 V rated value</li> <li>2 A</li> <li>et 110 V rated value</li> <li>2 A</li> <li>et 20 V rated value</li> <li>0.9 A</li> <li>et 200 V rated value</li> <li>0.1 A</li> <li>contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UUCSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor</li> <li>et 480 V rated value</li> <li>11 A</li> <li>yielded mechanical performance [hp]</li> <li>for single-phase AC motor</li> <li>et 110 V rated value</li> <li>2 hp</li> <li>for 3-phase AC motor</li> <li>et 2002 V rated value</li> <li>3 hp</li> <li>et 357/5600 V rated value</li> <li>3 hp</li> <li>et 357/5600 V rated value</li> <li>4 600 / 2600</li> <li>Short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>G: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V, 80KA)</li> <li>gC: 10 A (500 V, 1 tA)</li> </ul>	• at 60 V rated value	6 A
et 220 V rated value       1 A         • at 600 V rated value       0.15 A         operational current at DC-13       10 A         • at 24 V rated value       2 A         • at 48 V rated value       2 A         • at 10 V rated value       2 A         • at 10 V rated value       0.9 A         • at 10 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         ULCSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       11 A         • at 600 V rated value       11 A         • at 600 V rated value       11 A         • at 600 V rated value       11 A         • at 800 V rated value       11 A         • at 200 V rated value       11 A         • at 200 V rated value       11 A         • at 200 V rated value       1 A         • at 200208 V rated value       3 hp         • at 200208 V rated value       3 hp         • at 200208 V rated value       10 hp         contact rating of auxillary contacts a	<ul> <li>at 110 V rated value</li> </ul>	3 A
• at 600 V rated value     0.15 A       operational current at DC-13     10 A       • at 24 V rated value     2 A       • at 48 V rated value     2 A       • at 68 V rated value     2 A       • at 10 V rated value     2 A       • at 110 V rated value     0.9 A       • at 22 V rated value     0.3 A       • at 200 V rated value     0.1 A       • at 600 V rated value     0.1 A       • at 600 V rated value     0.1 A       • otact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       ULCSA ratings     11 A       full-load current (FLA) for 3-phase AC motor     11 A       • at 480 V rated value     11 A       • at 600 V rated value     11 A       • at 600 V rated value     11 A       • at 480 V rated value     11 A       • at 200 Z08 V rated value     2 hp       • for 3-phase AC motor     -       - at 200/208 V rated value     3 hp       - at 200/208 V rated value     3 hp       - at 200/208 V rated value     10 hp       contact rating of auxiliary contacts according to UL     A600 / Q600       Short-circuit protection of the main circuit     -       - with type of coordination 1 required     gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V, 80kA)       gG: 20A	<ul> <li>at 125 V rated value</li> </ul>	2 A
operational current at DC-13         • at 24 V rated value       10 A         • at 48 V rated value       2 A         • at 60 V rated value       2 A         • at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 200 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       11 A         full-load current (FLA) for 3-phase AC motor       11 A         • at 600 V rated value       11 A         yielded mechanical performance [hp]       11 A         • for single-phase AC motor       - at 110/120 V rated value         - at 200/208 V rated value       2 hp         • for 3-phase AC motor       - at 2200/20 V rated value         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       3 hp         - at 460/480 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V,80kA)	<ul> <li>at 220 V rated value</li> </ul>	1 A
• at 24 V rated value     10 A       • at 48 V rated value     2 A       • at 48 V rated value     2 A       • at 10 V rated value     1 A       • at 110 V rated value     0.9 A       • at 220 V rated value     0.3 A       • at 600 V rated value     0.1 A       • contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings     11 A       full-load current (FLA) for 3-phase AC motor     11 A       • at 800 V rated value     11 A       • at 600 V rated value     11 A       • at 600 V rated value     11 A       • at 600 V rated value     11 A       • at 200 V rated value     11 A       • at 200 V rated value     11 A       • at 200 V rated value     2 hp       • for single-phase AC motor     -       - at 200/208 V rated value     2 hp       • for 3-phase AC motor     -       - at 200/208 V rated value     3 hp       - at 200/208 V rated value     3 hp       - at 200/208 V rated value     10 hp       contact rating of auxiliary contacts according to UL     A600 / Q600       Short-circuit protection     460480 V rated value       - with type of coordination 1 required     G: 50A (690V,100kA), aM: 20A (690V,100kA), BS8: 35A (415V,80kA)       - with type of	at 600 V rated value	0.15 A
• at 48 V rated value       2 A         • at 60 V rated value       2 A         • at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       11 A         full-load current (FLA) for 3-phase AC motor       11 A         • at 480 V rated value       11 A         • at 600 V rated value       11 A         • at 200 V rated value       0.5 hp         - at 230 V rated value       2 hp         • for 3-phase AC motor       -         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 420/430 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)	operational current at DC-13	
<ul> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 110 V rated value</li> <li>at 125 V rated value</li> <li>0.9 A</li> <li>at 220 V rated value</li> <li>0.3 A</li> <li>at 600 V rated value</li> <li>0.1 A</li> <li>contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UL/CSA ratings</li> <li>full-coad current (FLA) for 3-phase AC motor <ul> <li>at 460 V rated value</li> <li>11 A</li> <li>at 600 V rated value</li> <li>11 A</li> </ul> </li> <li>e for single-phase AC motor <ul> <li>at 110/120 V rated value</li> <li>11 A</li> </ul> </li> <li>i for 3-phase AC motor <ul> <li>at 220/208 V rated value</li> <li>2 hp</li> </ul> </li> <li>for 3-phase AC motor <ul> <li>at 220/208 V rated value</li> <li>3 hp</li> <li>at 2575/600 V rated value</li> <li>75 hp</li> <li>at 575/600 V rated value</li> <li>75 hp</li> <li>at 575/600 V rated value</li> <li>4604 x0 V cated value</li> <li>75 hp</li> <li>at 575/600 V rated value</li> <li>75 hp</li> <li>at 676/600 V rated value</li> <li>75 hp</li> <li>at 575/600 V rated value</li> <li>75 hp</li> <li>bo or 12/200 V rated value</li> <li>10 hp</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / 0600</li> </ul> <li>Short-circuit protection of the main circuit <ul> <li>with type of coordination 1 required</li> <li>g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)</li> <li>g6: 10</li></ul></li>	<ul> <li>at 24 V rated value</li> </ul>	10 A
• at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 600 V rated value       0.1 A          1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       11 A         • at 600 V rated value       11 A         • at 600 V rated value       11 A         • of or single-phase AC motor       - at 110/120 V rated value         • at 230 V rated value       0.5 hp         - at 230 V rated value       2 hp         • for 3-phase AC motor       - at 200/208 V rated value         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       3 hp         - at 460/480 V rated value       7.5 hp         - at 460/480 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection of the main circuit       - with type of coordination 1 required         - with type of coordination 1 required       g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)         - with type of assignment 2 required       80kA)         - with type	<ul> <li>at 48 V rated value</li> </ul>	2 A
• at 125 V rated value       0.9 Å         • at 220 V rated value       0.1 Å         • at 600 V rated value       0.1 Å         • contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       1         full-load current (FLA) for 3-phase AC motor       11 Å         • at 480 V rated value       11 Å         • at 600 V rated value       11 Å         • at 200 V rated value       11 Å         • at 10/120 V rated value       0.5 hp         - at 210 V rated value       2 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection of the main circuit       - with type of coordination 1 required         - with type of assignment 2 required       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS8: 35A (415V,80kA)         - with type of assignment 2 required       gG:	<ul> <li>at 60 V rated value</li> </ul>	2 A
• at 220 V rated value       0.3 A         • at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       1         full-load current (FLA) for 3-phase AC motor       11 A         • at 480 V rated value       11 A         • at 600 V rated value       11 A         vielded mechanical performance [hp]       11 A         • for single-phase AC motor       - at 110/120 V rated value         - at 230 V rated value       2 hp         • for 3-phase AC motor       - at 220/230 V rated value         - at 200/208 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 460/480 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection of the main circuit       - with type of coordination 1 required         - with type of assignment 2 required       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS8: 35A (415V,80kA)         · for short-circuit protection of the auxiliary switch       gG: 10 A (500 V, 1 kA)	<ul> <li>at 110 V rated value</li> </ul>	1 A
• at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       11 A         • at 480 V rated value       11 A         • at 600 V rated value       11 A         yielded mechanical performance [hp]         • for single-phase AC motor         - at 110/120 V rated value       0.5 hp         - at 230 V rated value       2 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 260/480 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V, 80kA)         - with type of assignment 2 required       gG: 10 A (500 V, 1 kA)         • for short-circuit protection of the auxiliary switch       gG: 10 A (500 V, 1 kA)	<ul> <li>at 125 V rated value</li> </ul>	0.9 A
contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       11 A         • at 600 V rated value       11 A         • at 600 V rated value       11 A         yielded mechanical performance [hp] <ul> <li>for single-phase AC motor</li> <li>- at 101/120 V rated value</li> <li>- at 230 V rated value</li> <li>- at 200/208 V rated value</li> <li>- at 200/208 V rated value</li> <li>- at 200/208 V rated value</li> <li>- at 460/480 V rated value</li> <li>- at 660/480 V rated value</li> <li>- at 675/600 V rated value</li> <li>- with type of coordination 1 required</li> <li>- with type of coordination 1 required</li> <li>- with type of coordination 1 required</li> <li>- with type of assignment 2 required</li> <li>- 600 × 1</li></ul>	<ul> <li>at 220 V rated value</li> </ul>	0.3 A
UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       11 A         • at 600 V rated value       11 A         • at 600 V rated value       11 A         yielded mechanical performance [hp]       • for single-phase AC motor         - at 230 V rated value       0.5 hp         - at 230 V rated value       2 hp         • for 3-phase AC motor       - at 200/208 V rated value         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       10 hp         - at 460/480 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       4600 / Q600         Short-circuit protection of the main circuit       - with type of coordination 1 required         - with type of coordination 1 required       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 10 A (500 V, 1 kA)         • for short-circuit protection of the auxiliary switch       gG: 10 A (500 V, 1 kA)	at 600 V rated value	0.1 A
full-load current (FLA) for 3-phase AC motor       11 A         • at 480 V rated value       11 A         • at 600 V rated value       11 A         yielded mechanical performance [hp]       11 A         • for single-phase AC motor       0.5 hp         - at 110/120 V rated value       2 hp         • for 3-phase AC motor       2 hp         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 460/480 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       4600 / Q600         Short-circuit protection of the main circuit       9C: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gC: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       9C: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         • for short-circuit protection of the auxiliary switch       gC: 10 A (500 V, 1 kA)	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
<ul> <li>at 480 V rated value</li> <li>11 A</li> <li>at 600 V rated value</li> <li>11 A</li> <li>yielded mechanical performance [hp]</li> <li>for single-phase AC motor         <ul> <li>at 110/120 V rated value</li> <li>0.5 hp</li> <li>at 230 V rated value</li> <li>2 hp</li> </ul> </li> <li>for 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>3 hp</li> <li>at 220/230 V rated value</li> <li>3 hp</li> <li>at 220/230 V rated value</li> <li>3 hp</li> <li>at 575/600 V rated value</li> <li>2 hp</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> </ul> <li>design of the fuse link         <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of assignment 2 required</li> <li>GG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>gG: 50A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> </li>	UL/CSA ratings	
• at 600 V rated value11 Ayielded mechanical performance [hp]11 A• for single-phase AC motor0.5 hp- at 110/120 V rated value0.5 hp- at 230 V rated value2 hp• for 3-phase AC motor at 200/208 V rated value3 hp- at 200/208 V rated value3 hp- at 220/230 V rated value3 hp- at 460/480 V rated value7.5 hp- at 460/480 V rated value10 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiongG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of coordination 1 requiredgG: 50A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switchgG: 10 A (500 V, 1 kA)	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp]         • for single-phase AC motor         - at 110/120 V rated value       0.5 hp         - at 230 V rated value       2 hp         • for 3-phase AC motor       3 hp         - at 200/208 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 460/480 V rated value       7.5 hp         - at 575/600 V rated value       10 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       4600 / Q600         design of the fuse link       • for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         • for short-circuit protection of the auxiliary switch       gG: 10 A (500 V, 1 kA)	• at 480 V rated value	11 A
<ul> <li>for single-phase AC motor         <ul> <li>at 110/120 V rated value</li> <li>bp</li> <li>at 230 V rated value</li> <li>bp</li> </ul> </li> <li>at 230 V rated value</li> <li>bp</li> <li>for 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>bp</li> <li>at 220/230 V rated value</li> <li>bp</li> <li>at 460/480 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> </ul> </li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link         <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>with type of assignment 2 required</li> <li>gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>for short-circuit protection of the auxiliary switch</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> </li> </ul>	at 600 V rated value	11 A
<ul> <li>at 110/120 V rated value</li> <li>at 230 V rated value</li> <li>bp</li> <li>at 230 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link</li> <li>for short-circuit protection 1 required</li> <li>gG: 50A (690V,100kA), aM: 20A (690V, 100kA), BS88: 35A (415V,80kA)</li> <li>with type of assignment 2 required</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul>	yielded mechanical performance [hp]	
<ul> <li>at 230 V rated value</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 220/230 V rated value</li> <li>bp</li> <li>at 460/480 V rated value</li> <li>7.5 hp</li> <li>at 575/600 V rated value</li> <li>10 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>GG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>with type of assignment 2 required</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul>	<ul> <li>for single-phase AC motor</li> </ul>	
<ul> <li>for 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>bp</li> <li>at 220/230 V rated value</li> <li>bp</li> <li>at 460/480 V rated value</li> <li>cat 460/480 V rated value</li> <li>bp</li> <li>at 575/600 V rated value</li> <li>bp</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link             <ul></ul></li></ul>	— at 110/120 V rated value	0.5 hp
<ul> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>bp</li> <li>at 460/480 V rated value</li> <li>bp</li> <li>at 460/480 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> </ul> Short-circuit protection design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch</li> <li>of or short-circuit protection of the auxiliary switch</li> </ul>	— at 230 V rated value	2 hp
<ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>7.5 hp</li> <li>at 575/600 V rated value</li> <li>10 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link         <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>with type of assignment 2 required</li> <li>gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>for short-circuit protection of the auxiliary switch</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> </li> </ul>	• for 3-phase AC motor	
<ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>7.5 hp</li> <li>at 575/600 V rated value</li> <li>10 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link         <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>with type of assignment 2 required</li> <li>gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>for short-circuit protection of the auxiliary switch</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> </li> </ul>	— at 200/208 V rated value	3 hp
at 460/480 V rated value7.5 hp at 575/600 V rated value10 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectionA600 / Q600design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 requiredgG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switchgG: 10 A (500 V, 1 kA)	— at 220/230 V rated value	3 hp
at 575/600 V rated value10 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiondesign of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 requiredgG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switchgG: 10 A (500 V, 1 kA)	— at 460/480 V rated value	
contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       design of the fuse link       e for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         • for short-circuit protection of the auxiliary switch       gG: 10 A (500 V, 1 kA)	— at 575/600 V rated value	
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         — with type of assignment 2 required         gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         • for short-circuit protection of the auxiliary switch         gG: 10 A (500 V, 1 kA)		
design of the fuse link       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         • for short-circuit protection of the auxiliary switch       gG: 10 A (500 V, 1 kA)		
<ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul>		
<ul> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch</li> <li>gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul>	-	
<ul> <li>with type of assignment 2 required</li> <li>gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>for short-circuit protection of the auxiliary switch</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul>		aG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
• for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)		gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,

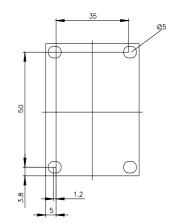
mounting position         +100° rotation possitio on vertical mounting surface; can be Illed forward and abakward y+-y-t_25' on vertical mounting numbes preve and snap-on mounting onto 55 mm standard mounting rail according to DNL EN 60715           • side-by-side mounting         Yes           • height         58 mm           width         45 mm           • disk-by-side mounting         Yes           • height         73 mm           required spacing         9 mm           • with side-by-side mounting         10 mm           • dynamic         10 mm	Installation/ mounting/ dimensions			
Fasting method     according to DNL EX 80715       • side-by-side mounting     Yes       height     68 mm       with     46 mm       depth     73 mm       required spacing     10 mm       • uith side-by-side mounting     10 mm       • uith side-by-side mounting     10 mm       • uith side-by-side mounting     10 mm       • upwards     10 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - downwards     10 mm       - downwards <td></td> <td></td>				
• side-by-side mounting         Yes           height         68 mm           width         67 mm           depth         73 mm           required spacing         10 mm           - downards         10 mm           - downwards         10 mm           - downards         10 mm           - at be side         6 mm           Connectifications of terminals         screw-type terminals           for auking a		· · ·		
• side-by-side mounting     Yes       height     68 mm       witht     46 mm       depth     73 mm       required spacing     73 mm       • with side-by-side mounting     73 mm       • of with side-by-side mounting     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - of varda	fastening method	screw and snap-on mounting onto 35 mm standard mounting rail		
height       98 mm         width       46 mm         depth       73 mm         required spacing       73 mm         - upwards       10 mm         - downwards       10 mm         - of auxiliary contacts       5 come         of magetto all       5 come         to	<ul> <li>side-by-side mounting</li> </ul>	-		
width     46 mm       deph     73 mm       required spacing     73 mm       • with side-by-side mounting     73 mm       • downwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     0 mm       - at the side     0 mm       - at the side     0 mm       - downwards     10 mm       - downwards <td></td> <td colspan="3"></td>				
depth       73 mm         required spacing       73 mm         - lowards       10 mm         - upwards       10 mm         - downwards       10 mm         - downware				
required spacing       • with side-by-side mounting         - upwards       10 mm         - upwards       10 mm         - upwards       10 mm         - downwards       0 mm         - downwards       0 mm         - downwards       10 mm         - at the side       0 mm         - downwards       10 mm				
• with side-by-side mounting     - forwards       - forwards     10 mm       - downwards     10 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - upwards     10 mm       - domwards     10 mm       - domwards     10 mm       - otid     screw-type teminals       screw-type teminals     screw-type teminals       of main current circuit     screw-type teminals       ype of electrical connection     screw-type teminals       - oild     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       - oild     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       - oild or stranded     0.5 4 mm²       - soild or stranded     0.	•			
- forwards     10 mm       - upwards     10 mm       - at the side     0 mm       - at the side     0 mm       - for grounded parts     10 mm       - forwards     10 mm       - upwards     10 mm       - downwards				
- downwards     10 mm       - at the side     0 mm       - for grounded parts     10 mm       - forwards     10 mm       - upwards     10 mm       - at the side     6 mm       - downwards     10 mm       - for low ands     10 mm       - for low ands     10 mm       - for wards     10 mm       - forwards     10 mm       - downwards     50 mm       - downward		10 mm		
	— upwards	10 mm		
for grounded parts	— downwards	10 mm		
- forwards     10 mm       - upwards     0 mm       - downwards     10 mm       - downwards     10 mm       - for live parts     -       - forwards     10 mm       - upwards     10 mm       - ontoctons/Terminals     50 mm       for auxiliary and control circuit     screw-type terminals       store challe conductor cross-sections     50 mm <sup>2</sup> , 2x (0.5 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> - finely stranded with core end processing     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       - solid     0.5 4 mm <sup>2</sup> - solid or stranded     0.5 4 mm <sup>2</sup> - solid or stranded     0.5 4 mm <sup>2</sup> - finely stranded with core end processing     0.5 2.5 mm <sup>2</sup> - for auxiliary contacts<	— at the side	0 mm		
	<ul> <li>for grounded parts</li> </ul>			
- at the side     6 mm       - downwards     10 mm       • for live parts     10 mm       - norwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     6 mm       Connections/ forminals     5 mm       Connectable conductor for auxiliary contacts     5 crew-type terminals       • of main contacts     5 crew-type terminals       • for main contacts     2 x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       - solid     2 x (0.5 15 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       - stranded     0.5 4 mm²       - finely stranded with core end processing     0.5 4 mm²       • solid     0.5 4 mm²       • solid or stranded     0.5 4 mm²       • for auxiliary contacts     2 x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       • finely stranded with core end processing     0.5 2 mm²       • or auxiliary contacts     2 x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       • finely stranded with core end processing     0.5 2 mm²	— forwards	10 mm		
downwards     10 mm       • for lwc parts     10 mm       upwards     10 mm       upwards     10 mm       downwards     0 mm       downwards     screw-type terminals       downwards     Screw-type terminals       down an contacts     Screw-type terminals       solid or stranded     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> finely stranded with core end processing     0.5 4 mm <sup>2</sup> finely stranded with core end processing     0.5 4 mm <sup>2</sup> finely stranded with core end processing     0.5 2.5 mm <sup>3</sup> finely stranded with core end processing     0.5 2.5 mm <sup>3</sup> finely stranded with	— upwards	10 mm		
<ul> <li>for live parts         <ul> <li>for wards</li> <li>for wards</li> <li>do mm</li> <li>downwards</li> <li>do mm</li> <li>downwards</li> <li>do mm</li> <li>downwards</li> <lidownwards< li=""></lidownwards<></ul></li></ul>	— at the side	6 mm		
forwards     10 mm       upwards     10 mm       dorwards     10 mm       at the side     6 mm       Connections/ Terminals       type of electrical connection       • for main current circuit     screw-type terminals       • of auxiliary and control circuit     screw-type terminals       • of magnet coll     Screw-type terminals       • of magnet coll     Screw-type terminals       • of magnet coll     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       - solid     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       - solid or stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       • solid connectable conductor cross-section for main contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       • solid contactor for auxiliary contacts     0.5 4 mm²       • solid or stranded     0.5 4 mm²       • inley stranded with core end processing     0.5 4 mm²       • or auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       • solid or stranded     0.5 4 mm²		10 mm		
	•			
at the side     6 mm       Connections? Terminals       type of electrical connection       • for main current circuit       strangent coil       screw-type terminals       of magnet coil       type of connectable conductor cross-sections       • for main contacts       - solid       2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> connectable conductor cross-section for main contacts       2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> connectable conductor cross-section for main contacts       connectable conductor cross-section for main contacts       0.5 4 mm <sup>2</sup> • solid       • solid       • solid       • solid       • solid       • solid       0.5 4 mm <sup>2</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>2</sup> connectable conductor cross-sections       • finely stranded with core end processing       0.5 4 mm <sup>2</sup> • finely stranded with core end processing       • finely stranded with core end processing       • finely stranded with core end processing       • for auxiliary contacts       • for auxiliary contacts	- F			
Connections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit         • of auxiliary and control circuit         • at contactor for auxiliary contacts         • of magnet coil         Screw-type terminals         • of main contracts         - solid         - solid or stranded         - solid or stranded         - finely stranded with core end processing         • solid or stranded         - solid         - solid         - solid         - solid         - solid or stranded         - solid         - solid         - stranded         • solid or stranded         • finely stranded with core end processing         type of connectable conductor cross-sections         • finely stranded with core end processing         type of connectable conductor cross-sections         • finely stranded with core end processing         type of connectable conductor cross-sections         • finely stranded with core end processing         type of connect				
type of electrical connection <ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>at contactor for auxiliary contacts</li> <li>of magnet coli</li> </ul> screw-type terminals <ul> <li>screw-type terminals</li> <li>Screw-type terminals</li></ul>		6 mm		
• for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of majne contacts       Screw-type terminals         • for main contacts       Screw-type terminals         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • at AWG cables for main contacts       2x (20 16), 2x (18 14), 2x 12         connectable conductor cross-section for main contacts       0.5 4 mm²         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 25 mm²         of or auxiliary contacts       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²				
• for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       • for main contacts         • solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         2x (0.5 15 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²       2x (0.5 15 mm²), 2x (0.75 2.5 mm²)         • at AWG cables for main contacts       2x (0.5 15 mm²), 2x (0.75 2.5 mm²)         • at AWG cables for main contacts       2x (0.5 15 mm²), 2x (0.75 2.5 mm²)         • at AWG cables for main contacts       2x (0.5 4 mm²         • solid       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • solid or stranded       0.5 1.5 mm³), 2x (0.75 2.5 mm²), 2x 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm³), 2x (0.75 2.5 mm²), 2x 4 mm²         • of auxiliary contacts       20 12         • for auxiliary contacts       20 12<				
• at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       • for main contacts         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • et AVXC cables for main contacts       2x (20 16), 2x (18 14), 2x 12         connectable conductor cross-section for main contacts       2x (20 16), 2x (18 14), 2x 12         • solid       0.5 4 mm²         • stranded       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         vpre of connectable conductor cross-sections       0.5 2.5 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - ninely stranded with core end processing       0.5 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - ninely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - for auxiliary contacts				
• of magnet coll       Screw-type terminals         type of connectable conductor cross-sections       • for main contacts         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • at AWG cables for main contacts       2x (20 16), 2x (18 14), 2x 12         connectable conductor cross-section for main contacts       0.5 4 mm²         • solid       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	-			
type of connectable conductor cross-sections <ul> <li>for main contacts</li> <li>solid</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for main contacts</li> <li>solid</li> <li>stranded</li> <li>solid</li> <li>stranded</li> <li>s</li></ul>	-			
• for main contacts       - solid       2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> - solid or stranded       2x (0.5 1,5 mm <sup>2</sup> ), 2x (0.75 2,5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> - finely stranded with core end processing       2x (2.5 1,5 mm <sup>2</sup> ), 2x (0.75 2,5 mm <sup>2</sup> )         e at AWG cables for main contacts       2x (2.0.5 1,5 mm <sup>2</sup> ), 2x (0.75 2,5 mm <sup>2</sup> )         connectable conductor cross-section for main contacts       2x (2.0 16), 2x (18 14), 2x 12         connectable conductor cross-section for auxiliary contacts       0.5 4 mm <sup>2</sup> • solid       0.5 4 mm <sup>2</sup> • finely stranded with core end processing       0.5 4 mm <sup>2</sup> • solid or stranded       0.5 4 mm <sup>2</sup> • solid or stranded       0.5 4 mm <sup>2</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>2</sup> versitiary contacts       0.5 4 mm <sup>2</sup> • finely stranded with core end processing       0.5 4 mm <sup>2</sup> • for auxiliary contacts       2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> - finely stranded with core end processing       2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), 2x 4 mm <sup>2</sup> • for auxiliary contacts       2x (20 16), 2x (18 14), 2x 12         AWG number as coded connectable conductor cross section       0 12         • for main contacts		Screw-type terminals		
solid or stranded2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm² finely stranded with core end processing2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)• at AWG cables for main contacts2x (20 16), 2x (18 14), 2x 12connectable conductor cross-section for main contacts0.5 4 mm²• solid0.5 4 mm²• stranded0.5 4 mm²• stranded with core end processing0.5 4 mm²• solid or stranded with core end processing0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• type of connectable conductor cross-sections2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²• a colid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²• a tAWG cables for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for auxiliary contacts20 12• for main contacts20 12• for main contacts20 12• for main contacts20 12• for main contacts20 12• for auxiliary contacts20 12• for auxiliary contacts20 12• for auxiliary contacts20 12•		$2x (0.5 - 1.5 \text{ mm}^2) 2x (0.75 - 2.5 \text{ mm}^2) 2x 4 \text{ mm}^2$		
finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for main contacts2x (20 16), 2x (18 14), 2x 12connectable conductor cross-section for main contacts0.5 4 mm²• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²connectable conductor cross-section for auxiliary contacts0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²• for auxiliary contacts2x (20 16), 2x (18 14), 2x 12AWG cables for auxiliary contacts2x (20 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 16), 2x (18 14), 2x 12AWG number as coded connectable conductor cross section20 12• for main contacts20 12• for auxiliary contacts20 12Safety related data1000 000product function1000 000• miror contact according to SN 319201 000 000				
• at AWG cables for main contacts       2x (20 16), 2x (18 14), 2x 12         connectable conductor cross-section for main contacts       0.5 4 mm²         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 2.5 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         • at AWG cables for auxiliary contacts       2x (20 16), 2x (18 14), 2x 12         AWG number as coded connectable conductor cross section       2x (20 16), 2x (18 14), 2x 12         Safety related data       20 12         product function       20 12         Safety related data       1000 000         proportion of dangerous failures       1 000 000				
connectable conductor cross-section for main contacts0.5 4 mm²• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 4 mm²connectable conductor cross-section for auxiliary contacts0.5 4 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections • for auxiliary contacts0.5 2.5 mm²)• solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 16), 2x (18 14), 2x 12AWG number as coded connectable conductor cross section20 12• for main contacts20 12• for auxiliary contacts20 12B10 value with high demand rate according to IEC 60947-4-1YesB10 value with high demand rate according to SN 319201 000 000				
<ul> <li>solid</li> <li>0.5 4 mm<sup>2</sup></li> <li>stranded</li> <li>0.5 4 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>0.5 4 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>0.5 4 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>o.5 2.5 mm<sup>2</sup></li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>- solid or stranded</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5 mm<sup>2</sup>), 2x 4 mm<sup>2</sup></li> <li>- finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG number as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>20 12</li> <li>Safety related data</li> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>Yes</li> <li>B10 value with high demand rate according to SN 31920</li> <li>1000 000</li> </ul>	connectable conductor cross-section for main			
• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²connectable conductor cross-section for auxiliary contacts0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections • for auxiliary contacts0.5 2.5 mm²- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- finely stranded with core end processing • for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- finely stranded with core end processing • at AWG cables for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for main contacts20 12• for main contacts20 12• for auxiliary contact according to IEC 60947-4-1YesB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures1 000 000	contacts			
• finely stranded with core end processing0.5 2.5 mm²connectable conductor cross-section for auxiliary contacts0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections • for auxiliary contacts0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- finely stranded with core end processing2x (20 16), 2x (18 14), 2x 12AWG cables for auxiliary contacts2x (20 16), 2x (18 14), 2x 12AWG number as coded connectable conductor cross section20 12of for main contacts20 12of auxiliary contacts20 12stafety related data1000 000product function • mirror contact according to IEC 60947-4-1YesB10 value with high demand rate according to SN 319201 000 000	• solid	0.5 4 mm²		
connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 2.5 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²         - finely stranded with core end processing       2x (20 15 mm²), 2x (0.75 2.5 mm²)         • at AWG cables for auxiliary contacts       2x (20 16), 2x (18 14), 2x 12         AWG number as coded connectable conductor cross section       • for main contacts         • for main contacts       20 12         Safety related data       yes         product function       • mirror contact according to IEC 60947-4-1         Yes       1 000 000         proportion of dangerous failures       1 000 000	stranded			
contacts• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 16), 2x (18 14), 2x 12AWG number as coded connectable conductor cross section20 12• for main contacts20 12• for auxiliary contacts20 12Safety related dataYesproduct function • mirror contact according to IEC 60947-4-1YesB10 value with high demand rate according to SN 319201 000 000		0.5 2.5 mm²		
• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 16), 2x (18 14), 2x 12AWG number as coded connectable conductor cross section20 12• for main contacts20 12• for auxiliary contacts20 12Safety related dataproduct function • mirror contact according to IEC 60947-4-1YesB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures1 000 000	contacts			
type of connectable conductor cross-sections         • for auxiliary contacts         - solid or stranded         - finely stranded with core end processing         • finely stranded with core end processing         • at AWG cables for auxiliary contacts         AWG number as coded connectable conductor cross section         • for main contacts         • for auxiliary contacts         20 12         Safety related data         product function         • mirror contact according to IEC 60947-4-1         Yes         B10 value with high demand rate according to SN 31920         proportion of dangerous failures				
<ul> <li>for auxiliary contacts         <ul> <li>solid or stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG number as coded connectable conductor cross section         <ul> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>20 12</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>Yes</li> </ul> </li> <li>B10 value with high demand rate according to SN 31920</li> <li>1000 000</li> </ul>		0.5 2.5 mm²		
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— finely stranded with core end processing $2x (0.5 1.5 mm^2), 2x (0.75 2.5 mm^2)$ • at AWG cables for auxiliary contacts $2x (20 16), 2x (18 14), 2x 12$ AWG number as coded connectable conductor cross section $20 12$ • for main contacts $20 12$ • for auxiliary contacts $20 12$ Safety related data $20 12$ product functionYes• mirror contact according to IEC 60947-4-1YesB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures $1 000 000$	-	$2 \times (0.5 - 1.5 \text{ mm}^2) 2 \times (0.75 - 2.5 \text{ mm}^2) 2 \times 4 \text{ mm}^2$		
• at AWG cables for auxiliary contacts       2x (20 16), 2x (18 14), 2x 12         AWG number as coded connectable conductor cross section       20 12         • for main contacts       20 12         • for auxiliary contacts       20 12         Safety related data       20 12         product function       Ves         • mirror contact according to IEC 60947-4-1       Yes         B10 value with high demand rate according to SN 31920       1 000 000         proportion of dangerous failures       1 000 000				
AWG number as coded connectable conductor cross section         • for main contacts       20 12         • for auxiliary contacts       20 12         Safety related data         product function         • mirror contact according to IEC 60947-4-1         Yes         B10 value with high demand rate according to SN 31920         proportion of dangerous failures				
section     20 12       • for main contacts     20 12       • for auxiliary contacts     20 12       Safety related data       product function        • mirror contact according to IEC 60947-4-1     Yes       B10 value with high demand rate according to SN 31920     1 000 000       proportion of dangerous failures				
• for auxiliary contacts     20 12       Safety related data       product function       • mirror contact according to IEC 60947-4-1       Yes       B10 value with high demand rate according to SN 31920       proportion of dangerous failures				
Safety related data         product function         • mirror contact according to IEC 60947-4-1         Yes         B10 value with high demand rate according to SN 31920         1 000 000         proportion of dangerous failures	for main contacts	20 12		
product function         • mirror contact according to IEC 60947-4-1       Yes         B10 value with high demand rate according to SN 31920       1 000 000         proportion of dangerous failures       4 000 000	<ul> <li>for auxiliary contacts</li> </ul>	20 12		
mirror contact according to IEC 60947-4-1 Yes B10 value with high demand rate according to SN 31920 1 000 000 proportion of dangerous failures	Safety related data			
B10 value with high demand rate according to SN 31920       1 000 000         proportion of dangerous failures       1 000 000	product function			
proportion of dangerous failures	mirror contact according to IEC 60947-4-1	Yes		
	B10 value with high demand rate according to SN 31920	1 000 000		
• with low demand rate according to SN 31920 40 %	proportion of dangerous failures			
	<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %		

<ul> <li>with high demar</li> </ul>	nd rate according to SN	31920	73 %		
	ow demand rate accord		100 FIT		
T1 value for proof test IEC 61508	t interval or service life	according to	20 у		
protection class IP o 60529	on the front according	to IEC	IP20		
touch protection on	the front according to	IEC 60529	finger-safe, for vertical cont	act from the front	
suitability for use					
<ul> <li>safety-related st</li> </ul>	0		Yes		
Certificates/ approvals	5				
General Product Ap	proval				
(SP)	<u>Confirmation</u>			KC	EAC
EMC	Functional Safety/Safety of Machinery	Declaration o	f Conformity	Test Certificates	
	<u>Type Examination</u> <u>Certificate</u>	UK CA	CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report
Marine / Shipping					
ABS	BUREAU VERITAS		Lloyds Register us	PRS	RINA
Marine / Shipping	other		Dangerous Good		
KMRS RMRS	<u>Confirmation</u>	VDE	<u>Transport Informa-</u> tion		
Further information	wnloadcenter (Catalo	as Brochures			
https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2017-1BE42 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-1BE42 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1BE42 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)					
http://www.automation Characteristic: Tripp https://support.industr	n.siemens.com/bilddb/c bing characteristics, l <sup>2</sup> y.siemens.com/cs/ww/e ics (e.g. electrical end	ax_de.aspx?mlft t, Let-through c en/ps/3RT2017-1	<u>=3RT2017-1BE42⟨=en</u> urrent <u>BE42/char</u>	<b>u</b>	

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-1BE42&objecttype=14&gridview=view1







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