## SIEMENS

## Data sheet

## 3RT2016-1BA41



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 12 V DC, auxiliary contacts: 1 NO, screw terminal, size: S00

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>	0.9 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	0.3 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 protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at DC	10,5g / 5 ms, 6,6g / 10 ms
mechanical service life (operating 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	
<ul> <li>during operation</li> </ul>	-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	
at AC-3 rated value maximum	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated	22 A
value	
• 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	20 A
value	
● at AC-3	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 A
— at 690 V rated value	6.7 A
at AC-4 at 400 V rated value	8.5 A
at AC-5a up to 690 V rated value	19.4 A
• at AC-5b up to 400 V rated value	7.4 A
• at AC-6a	5.2.4
— up to 230 V for current peak value n=20 rated value	5.3 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	5.3 A 5.3 A
— up to 500 V for current peak value n=20 rated value	5.5 A
• at AC-6a	54
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	3.5 A
— up to 200 V for current peak value n=30 rated value	3.5 A
— up to 500 V for current peak value n=30 rated value	3.6 A
— up to 690 V for current peak value n=30 rated value	3.3 A
minimum cross-section in main circuit at maximum AC-1 rated	4 mm <sup>2</sup>
value	
operational current for approx. 200000 operating 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 60 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
• with 2 current paths in series at DC-1	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	12 A
— at 220 V rated value	1.6 A
— 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 60 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 60 V rated value	0.5 A
— at 110 V rated value	0.15 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 60 V rated value	5 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 60 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-2 at 400 V rated value	4 kW
• at AC-3	
— at 230 V rated value	2.2 kW
— at 200 V rated value	4 kW
— at 500 V rated value	4 kW
— at 690 V rated value	5.5 kW
• at AC-3e	0.0 KVV
• at AC-3e — at 230 V rated value	2.2 kW
— at 230 V rated value	2.2 KW
- at 500 V rated value	4 kW
— at 690 V rated value	5 kW
operating power for approx. 200000 operating cycles at AC- 4	
<ul> <li>at 400 V rated value</li> </ul>	2 kW
<ul> <li>at 690 V rated value</li> </ul>	2.5 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	2 kVA
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	3.6 kVA
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	4.6 kVA
• up to 690 V for current peak value n=20 rated value	5.9 kVA
operating apparent power at AC-6a	
up to 230 V for current peak value n=30 rated value	1.3 kVA
• up to 400 V for current peak value n=30 rated value	2.4 kVA
• up to 500 V for current peak value n=30 rated value	3.1 kVA
• up to 690 V for current peak value n=30 rated value	4 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>	155 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	111 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	86 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	66 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	55 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
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
• at AC-4 maximum	250 1/h
Control circuit/ Control	
	DC
type of voltage of the control supply voltage control supply voltage at DC	
	12 V
rated value     operating range factor control supply voltage rated value of	12 V
operating range factor control supply voltage rated value of magnet coil at DC	
initial value	0.8

closing power of magnet coll at DC     4 W       hobiting power of magnet coll at DC     4 W       • it DC     50-100 ms       • end CC     7-13 ms       • at DC     10       • at DC     10       • at DC     7					
Indicing power of magnet coil at DC         4 W           closing datay         an 100 ms           • e ILDC         30 100 ms           • e ILDC         7 13 ms           • a IDC         7 13 ms           arcing time         10 15 ms           control version of the switch operating mechanism         Standard A1 - A2           Anxitizey clocut         10 15 ms           control version of the switch operating mechanism         11           operational current at AC-12 msmum         10 A           operational current at AC-13         11           • at 200 V rated value         2 A           • at 200 V rated value         10 A           • at 204 Value value         10 A           • at 200 Vated value         <	• full-scale value	1.1			
closing delay     30 100 ms       opening delay     1015 ms       exiting time     1015 ms       control version of the switch operating mechanism     Skundard A1 - A2       Auxiliary circuit     1       number of NO contacts for auxiliary contacts instantaneous     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 AC-12     4       • 41600 V inted value     3.A       • 41600 V inted value     3.A       • 4160 V inted value     3.A <td></td> <td colspan="4">4 W</td>		4 W			
• et DC         30100 ms           oppling dely         -           • et DC         713 ms           • et DC         713 ms           • et DC         713 ms           • et DC         9100 ms           • et dDC         9100 ms           • et dDC         1015 ms           • et dDC         10		4 W			
opening delay         713 ms           • et DC         713 ms           control variation of the switch operating mechanism         Standard A1 - A2           Availancy closed         1           control of NO controls for availary contracts instantaneous         1           operational current at AC-12 maximum         10 A           • at 800 V rated value         6 A           • at 800 V rated value         0 A	closing delay				
• ± DC.     7 13 ms       acting time     10 15 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary circuit     10.A       operational current at AC-12 maximum     10.A       operational current at AC-15     10.A       • at 300 V rated value     3.A       • at 600 V rated value     3.A       • at 600 V rated value     10.A       • at 600 V rated value     3.A       • at 600 V rated value     0.A       • at 60 V rated value     0.A       • at 60 V rated value     0.15 A       • operational current at DC-13     •       • at 80 V rated value     0.16 A       • at 80 V rated value     0.3 A       • at 80 V rated value     0.3 A       • at 80 V rated value     0.1 A       • at 800 V rated value     0.1 A       • at 800 V rated value     0.3 A       • at 800 V rated value     0.3 A       • at 800 V rated value     0.1 A       • at 800 V rated value     0.3 A       • at 800 V rated value     0.3 A	• at DC	30 100 ms			
arcting time         10 _ 15 ms           control variation of the switch operating mechanism         Standard A1 - A2           Auxiliary circuit         10           united of NC contacts of auxiliary contacts instantaneous         10           operational current at AC-12 maximum         10 A           extra 230 V rated value         3A           extra 430 V rated value         3A           extra 430 V rated value         3A           extra 40 V rated value         6A           extra 40 V rated value         7A           extra 40 V rated value         <	opening delay				
control of the switch operating mechanism         Standard A1 - A2           Auxiliary circuit         United of NC contects for auxiliary contacts instantaneous contact         Image of NC contects for auxiliary contacts instantaneous contact           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         10 A           et al 30 V rated value         3.A           et al 30 V rated value         3.A           et al 40 V rated value         3.A           et al 40 V rated value         6.A           et al 40 V rated value         6.A           et al 40 V rated value         6.A           et al 40 V rated value         7.A           et al 40 V rated value         7.A           et al 50 V rated value         7.A	• at DC	7 13 ms			
Auxiliary circuit         1           number of NO contacts for auxiliary contacts instantaneous         1           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         10 A           • at 300 Vitated value         10 A           • at 300 Vitated value         2A           • at 680 Vitated value         1A           • at 680 Vitated value         6A           • at 60 Vitated value         6A           • at 60 Vitated value         6A           • at 60 Vitated value         6A           • at 20 Vitated value         1A           • at 20 Vitated value         1A           • at 60 Vitated value         1A           • at 80 Vitated value         1A <t< td=""><td>arcing time</td><td>10 15 ms</td></t<>	arcing time	10 15 ms			
number of ND contacts for auxiliary contacts instantaneous         1           contact         10 A           operational current at AC-15         10 A           • at 20 V rated value         3 A           • at 30 V rated value         1 A           operational current at DC-12         10 A           • at 30 V rated value         6 A           • at 30 V rated value         6 A           • at 30 V rated value         6 A           • at 20 V rated value         6 A           • at 20 V rated value         1 A           • at 20 V rated value         1 A           • at 20 V rated value         1 A           • at 20 V rated value         0 A           • at 80 V	control version of the switch operating mechanism	Standard A1 - A2			
contact         10 A           operational current at AC-12 maximum         10 A           operational current at AC-15         10 A           • at 230 Yrated value         3 A           • at 300 Yrated value         3 A           • at 500 Yrated value         1 A           operational current at DC-12         1 A           • at 24 Vrated value         6 A           • at 40 Vrated value         6 A           • at 40 Vrated value         6 A           • at 40 Vrated value         6 A           • at 20 Vrated value         7 A	Auxiliary circuit				
operational current at AC-12 maximum         10 A           operational current at AC-15         10 A           • at 30 V rated value         3 A           • at 30 V rated value         3 A           • at 30 V rated value         3 A           • at 50 V rated value         1 A           operational current at DC-12         • 10 A           • at 45 V rated value         6 A           • at 46 V rated value         6 A           • at 10 V rated value         6 A           • at 20 V rated value         7 A           • at 20 V rated value         6 A           • at 20 V rated value         7 A           • at 20 V rated value         7 A           • at 20 V rated value         7 A           • at 20 V rated value         0.4 A           • at 20 V rated value         0.4 A           • at 20 V rated value         0.4 A           • at 60 V rated value         0.4 A           • at 20 V rated value         0.4 A           • at 20 V rated value         0.4 A           • at 20 V rated value         0.4 A           • at 40 V rated value         0.4 A           • at 20 V rated value         0.4 A           • at 200 V rated value         7.6 A		1			
operate 230 V rated value         10 A           • at 230 V rated value         10 A           • at 400 V rated value         3 A           • at 500 V rated value         2 A           • at 800 V rated value         1 A           operational current at DC-12         0 A           • at 80 V rated value         6 A           • at 80 V rated value         7 A           • at 80 V rated value         7 A           • at 80 V rated value         7 A           • at 80 V rated value         0.15 A           operational current at DC-13         • at 80 V rated value           • at 80 V rated value         7 A           • at 80 V rated value         0.3 A           • at 80 V rated value         0.3 A           • at 80 V rated value         0.3 A           • at 80 V rated value         7 5 A           • at 800 V rated value         9 A           • at 800 V rated value         9 A           • at 800 V rated value         7 5 A		10.4			
• at 230 V rated value     3 A       • at 600 V rated value     3 A       • at 600 V rated value     1 A       • oportational current at DC-12     •       • at 80 V rated value     10 A       • at 80 V rated value     0 A       • at 80 V rated value     0.15 A       • oporational current at DC-13     0 A       • at 80 V rated value     0 A       • at 800 V rated value     0 A	•	10 A			
• at 400 V rated value         3 A           • at 500 V rated value         1 A           operational current at DC-12         •           • at 24 V rated value         10 A           • at 24 V rated value         0 A           • at 48 V rated value         0 A           • at 48 V rated value         0 A           • at 10 V rated value         0 A           • at 10 V rated value         0 A           • at 120 V rated value         0 A           • at 20 V rated value         0 A           • at 200 V rated value         0.15 A           • at 200 V rated value         0.15 A           • at 60 V rated value         0.15 A           • at 60 V rated value         0.2 A           • at 60 V rated value         0.2 A           • at 60 V rated value         0.3 A           • at 120 V rated value         0.3 A           • at 200 V rated value         0.3 A           • at 80 V rated value         0.3 A           • at 80 V rated value         0.3 A           • at 80 V rated value         0.3 hp           • at 80 V rated value         0.3 hp           • at 80 V rated value         7.6 A           • at 800 V rated value         9 A           Vieb	-	10.4			
• at 500 V rated value       1A         • at 500 V rated value       1A         • at 24 V rated value       10 A         • at 48 V rated value       6 A         • at 40 V rated value       6 A         • at 100 V rated value       6 A         • at 22 V rated value       3 A         • at 220 V rated value       3 A         • at 220 V rated value       2 A         • at 220 V rated value       0 A         • at 300 V rated value       2 A         • at 300 V rated value       0.3 A         • at 300 V rated value       0.1 A         • at 300 V rated value       7.6 A         • at 300 V rated value       7.6 A         • at 300 V rated value       7.6 A         • at 300 V rated value       9 A         • at 300 V rated value       7.6 A         • at 300 V rated value       7.6 A         • at 300 V rated value       7.6 A         • at 300 V rated value					
• at 880 V rated value     1 A       operational current at DC-12     0.A       • at 48 V rated value     0.A       • at 60 V rated value     6 A       • at 60 V rated value     3 A       • at 125 V rated value     2 A       • at 800 V rated value     0.15 A       operational current at DC-13     0.15 A       • at 800 V rated value     0.15 A       operational current at DC-13     0.15 A       • at 800 V rated value     0.A       • at 80 V rated value     0.A       • at 800 V rated value     0.					
operational current at DC-12       10 A         • at 24 V rated value       10 A         • at 40 V rated value       6 A         • at 60 V rated value       6 A         • at 10 V rated value       2 A         • at 220 V rated value       1 A         • at 200 V rated value       1 A         • at 200 V rated value       0.15 A         operational current at DC-13       10 A         • at 40 V rated value       2 A         • at 40 V rated value       0.9 A         • at 200 V rated value       0.9 A         • at 200 V rated value       0.9 A         • at 200 V rated value       0.1 A         • at 600 V rated value       9 A         yleide mechanical performance (hp)       • for single-phase AC motor         • at 600 V rated value       9 A         yleide mechanical performance (hp)       • for 3-phase AC motor         • at 600 V rated value<					
• at 24 V rated value     10 A       • at 48 V rated value     6 A       • at 60 V rated value     3 A       • at 125 V rated value     2 A       • at 220 V rated value     0.15 A       operational current at DC-13     0 A       • at 420 V rated value     0.15 A       operational current at DC-13     0 A       • at 42 V rated value     0.15 A       operational current at DC-13     0 A       • at 60 V rated value     2 A       • at 60 V rated value     2 A       • at 60 V rated value     0.3 A       • at 125 V rated value     0.3 A       • at 220 V rated value     0.1 A       • at 400 V rated value     0.1 A       • ot 600 V rated value     7.6 A       • ot 600 V rated value     7.6 A       • ot 600 V rated value     7.6 A       • ot 600 V rated value     9 A       vilicided mechanical performance [tp]     • ot significity or tated value       • ot 600 V rated value     1 hp       • of 3 shpase AC motor     - at 220/200 V rated value       - at 220/200 V rated value     3 hp       - at 220/200 V rated value     5 hp       - at 22		IA			
• at 48 V rated value     6 A       • at 60 V rated value     6 A       • at 120 V rated value     3 A       • at 220 V rated value     1 A       • at 220 V rated value     0.15 A       opportional current at DC-13     •       • at 24 V rated value     0.15 A       opportional current at DC-13     •       • at 24 V rated value     2 A       • at 80 V rated value     0.3 A       • at 220 V rated value     0.3 A       • at 200 V rated value     0.3 A       • at 800 V rated value     0.1 A       contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings     7.6 A       • at 600 V rated value     9 A       violded mechanical performance [tp]     • for single-phase AC motor       • at 600 V rated value     9 A       violded value     0.33 hp       • at 200 V rated value     0.33 hp       • at 200 V rated value     1 hp       • for 3-phase AC motor     -       • at 200 V rated value     3 hp       • at 200 V rated value     5 hp       • at 200208 V rated value     5 hp       • at 200208 V	•	10.0			
• at 60 V rated value         6 A           • at 110 V rated value         3 A           • at 125 V rated value         2 A           • at 220 V rated value         0.15 A           opperational current at DC-13         •           • at 42 V rated value         10 A           • at 42 V rated value         10 A           • at 42 V rated value         2 A           • at 43 V rated value         2 A           • at 105 V rated value         3 A           • at 105 V rated value         0.3 A           • at 25 V rated value         0.3 A           • at 200 V rated value         0.1 A           contact reliability of auxiliary contacts         1 foully switching per 100 million (17 V, 1 mA)           U/uCSA ratings         T           full-load current (FLA) for 3-phase AC motor         7.6 A           • at 400 V rated value         0.33 hp           • at 230 V rated value         9 A           • at 200 V rated value         0.33 hp           • at 200 V rated value         0.33 hp           • at 200 V rated value         1 hp           • for 3-phase AC motor         -           • at 200 V rated value         3 hp           • at 200 V rated value         3 hp           - at					
• at 110 V rated value         3 A           • at 125 V rated value         2 A           • at 200 V rated value         0.15 A           opportional current at DC-13         0.15 A           • at 24 V rated value         0 A           • at 24 V rated value         2 A           • at 60 V rated value         2 A           • at 60 V rated value         2 A           • at 60 V rated value         0.9 A           • at 125 V rated value         0.3 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         T           full-da current (FLA) for 3-phase AC motor         •           • at 600 V rated value         7.6 A           • at 600 V rated value         7.6 A           • at 600 V rated value         7.6 A           • at 600 V rated value         9 A           vielded mechanical performance [hp]         •           • for 3-phase AC motor         -           - at 200 V rated value         1 hp           • at 600 V rated value         3 hp           - at 200/208 V rated value         3 hp					
• at 125 V rated value       2 A         • at 220 V rated value       1 A         • at 600 V rated value       0.15 A         operational current at DC-13       10 A         • at 44 V rated value       10 A         • at 40 V rated value       2 A         • at 60 V rated value       2 A         • at 10 V rated value       2 A         • at 10 V rated value       0.3 A         • at 220 V rated value       0.3 A         • at 60 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       Total V rated value         full-dad current (FLA) for 3-phase AC motor       -         • at 800 V rated value       9 A         visided mechanical performance (hp)       •         • for single-phase AC motor       -         - at 200/208 V rated value       0.33 hp         - at 200/208 V rated value       1 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       7.5 hp         contact reling of auxiliary contacts according to UL       A600 / G600         Short-circ					
• at 220 V rated value       1 A         • at 600 V rated value       0.15 A         operational current at DC-13					
• at 600 V rated value     0.15 Å       operational current at DC-13     10 Å       • at 24 V rated value     10 Å       • at 48 V rated value     2 Å       • at 60 V rated value     2 Å       • at 10 V rated value     0.9 Å       • at 25 V rated value     0.3 Å       • at 60 V rated value     0.1 Å       contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mÅ)       UL/CSA ratings     1       full-load current (FLA) for 3-phase AC motor     -       • at 800 V rated value     9 Å       vijelded mechanical performance [hp]     -       • for single-phase AC motor     -       - at 200/208 V rated value     0.33 hp       - at 200/208 V rated value     0.33 hp       - at 200/208 V rated value     0.33 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 450/480 V rated value     5 hp       - at 575/600 V rated value     7.5 hp       contact rating of auxiliary contacts according to UL     A600 / G600       Short-circuit protection of the main circuit     -       - at 4575/600 V rated value     7.5 hp       - at 575/600 V rated value     7.6 ho       - with type of assignment 2 required </td <td></td> <td></td>					
operational current at DC-13       10 A         • 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 220 V rated value       0.9 A         • at 220 V rated value       0.1 A         Contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         U/CSA ratings       1         full-load current (FLA) for 3-phase AC motor       •         • at 800 V rated value       7.6 A         • at 800 V rated value       9 A         yielded mechanical performance [hp]       •         • for single-phase AC motor       -         - at 200 V rated value       1 hp         • for 3-phase AC motor       -         - at 2002 V rated value       1 hp         • for 3-phase AC motor       -         - at 2002 V vated value       3 hp         - at 2002 V vated value       3 hp         - at 2002 V rated value       5 hp         - at 575/60 V vated value       7.5 hp         Contact rating of auxiliary contacts according to UL       A600 / 0600         Short-circuit protection       g6: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)					
• at 24 V rated value       10 A         • at 48 V rated value       2 A         • at 60 V rated value       2 A         • at 10 V rated value       1 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings		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)         ULCSA ratings	-				
• 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					
ext 110 V rated value       1 A         ext 125 V rated value       0.9 A         ext 220 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         1L/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 460 V rated value       9 A         yielded mechanical performance [hp]         • for single-phase AC motor         - at 110/120 V rated value       9 A         yielded mechanical performance [hp]         • for single-phase AC motor         - at 120/208 V rated value       1 hp         • for 3-phase AC motor         - at 220/230 V rated value       2 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       5 hp         - at 450/480 V rated value       5 hp         - at 576/600 V rated value       7.5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       fer auxiliary switch required         • for short-circuit protection of the main circuit       - with type of coordination 1 required         - with type of coordination 1 required       gG: 35A (690V,100kA), aW: 20A (690V,100kA), BS8B: 35A (415V,80kA)         gG: 35A (690V,100kA), aW: 20A (690V,100kA),					
• at 125 V rated value       0.9 Å         • at 220 V rated value       0.3 Å         • at 600 V rated value       0.1 Å         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mÅ)         ULCSA ratings       1         full-load current (FLA) for 3-phase AC motor       -         • at 480 V rated value       9 Å         • at 600 V rated value       9 Å         • at 600 V rated value       9 Å         • or single-phase AC motor       -         - at 110/120 V rated value       0.33 hp         - at 200/208 V rated value       1 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       2 hp         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       5 hp         - at 200/208 V rated value       5 hp         - at 50/500 V rated value       7.5 hp         contact rating of auxiliary contacts according to UL       A600 / 0600         Short-circuit protection of the main circuit       -         - with type of coordination 1 required       gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 0A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type o					
• 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					
• 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					
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 <ul> <li>at 480 V rated value</li> <li>7.6 A</li> <li>at 600 V rated value</li> <li>9 A</li> </ul> <li>yielded mechanical performance [hp]         <ul> <li>for single-phase AC motor</li> <li>at 100/120 V rated value</li> <li>0.33 hp</li> <li>at 230 V rated value</li> <li>0.33 hp</li> <li>at 200/208 V rated value</li> <li>1 hp</li> </ul> </li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>2 hp</li> <ul> <li>at 200/208 V rated value</li> <li>3 hp</li> <li>at 200/208 V rated value</li> <li>5 hp</li> <li>at 4600/480 V rated value</li> <li>6 hp</li> <li>at 4575/600 V rated value</li> <li>7.5 hp</li> </ul> <li>contact rating of auxiliary contacts according to UL</li> <li>A6000 / Q600</li> <li>Short-circuit protection of the main circuit</li> <li>For short-circuit protection of the main circuit</li> <li>For short-circuit protection of the main circuit</li> <li>For short-circuit protection of the auxiliary switch required</li> <li>g6: 35A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA)</li> <li>g6: 10 A (500 V, 1 1kA)</li> <li>Installation/ mounting dimensions</li> <li>th/-180° rotation possible on vertical mounting surface; can be tilted forward an backward by +/- 22.5° on vertical mounting surface</li> <li>side-by-side mounting</li> <li>Yees</li>					
UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       7.6 A         • at 600 V rated value       9 A         yielded mechanical performance [hp]       • for single-phase AC motor         - at 110/120 V rated value       0.33 hp         - at 200/208 V rated value       1 hp         • for 3-phase AC motor       - at 220/208 V rated value         - at 220/208 V rated value       3 hp         - at 220/208 V rated value       5 hp         - at 460/480 V rated value       5 hp         - at 575/600 V rated value       7.5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       460/480 V rated value         - with type of coordination 1 required       gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 35A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) <tr< td=""><td></td><td></td></tr<>					
full-load current (FLA) for 3-phase AC motor       7.6 A         • at 480 V rated value       9 A         yielded mechanical performance [hp]       9 A         • for single-phase AC motor       0.33 hp         at 110/120 V rated value       0.33 hp         at 230 V rated value       1 hp         • for 3-phase AC motor       -         at 200/208 V rated value       2 hp         at 200/208 V rated value       3 hp         at 220/230 V rated value       5 hp         at 460/480 V rated value       7.5 hp         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       gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         • for short-circuit protection of the main circuit       gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 tkA)         Installation/ mounting / dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted forward an backward by +/-22.5° on vertical mounting surface         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         • side-by-side mounting       Yes </td <td></td> <td>1 faulty switching per 100 million (17 V, 1 mA)</td>		1 faulty switching per 100 million (17 V, 1 mA)			
• at 480 V rated value       7.6 A         • at 600 V rated value       9 A         yielded mechanical performance [hp]       9 A         • for single-phase AC motor       0.33 hp         - at 110/120 V rated value       0.33 hp         - at 230 V rated value       1 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       2 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       5 hp         - at 6575/600 V rated value       5 hp         - at 575/600 V rated value       7.5 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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 30A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 10 A (500 V, 1 tkA)         Installation/ mounting / dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted forward am backward by +/- 22.5° on vertical mounting surface;         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         • side-by-side mounting       Yes					
• at 600 V rated value       9 A         yielded mechanical performance [hp]       .         • for single-phase AC motor					
yielded mechanical performance [hp] <ul> <li>for single-phase AC motor</li> <li>at 110/120 V rated value</li> <li>0.33 hp</li> <li>at 230 V rated value</li> <li>1 hp</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>2 hp</li> <li>at 200/208 V rated value</li> <li>3 hp</li> <li>at 460/480 V rated value</li> <li>5 hp</li> <li>at 4575/600 V rated value</li> <li>5 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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>gG: 10 A (500 V, 1 0kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>gG: 10 A (500 V, 1 kA)</li> <li>Installation/ mounting/ dimensions</li> <li>+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface</li> <li>side-by-side mounting</li> <li>Yes</li> </ul>					
• for single-phase AC motor       0.33 hp         - at 110/120 V rated value       0.33 hp         - at 230 V rated value       1 hp         • for 3-phase AC motor       2 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       5 hp         - at 460/480 V rated value       5 hp         - at 575/600 V rated value       7.5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       4600 / Q600         Short-circuit protection of the main circuit       9G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 35A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 10A (500 V, 1 kA)         - with type of assignment 2 required       gG: 10A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         - for short-circuit protection of the auxiliary switch required       gG: 10A (500 V, 1 kA)         - mounting position       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface;         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         • side-by-side mounting		9 A			
- at 110/120 V rated value       0.33 hp         - at 230 V rated value       1 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       2 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       5 hp         - at 460/480 V rated value       5 hp         - at 575/600 V rated value       7.5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       4690 / Q600         Short-circuit protection of the main circuit       -         - with type of coordination 1 required       gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,80kA)         - for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,80kA)         - with type of assignment 2 required       gG: 10 A (500 V, 1 tA)         Installation/ mounting/ dimensions       -         mounting position       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         viside-by-side mounting       Yes					
at 230 V rated value       1 hp         • for 3-phase AC motor       -         at 200/208 V rated value       2 hp         at 220/230 V rated value       3 hp         at 460/480 V rated value       5 hp         at 575/600 V rated value       7.5 hp         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       gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)         with type of assignment 2 required       gG: 04 (690V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         with type of assignment 2 required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         • side-by-side mounting       Yes	-				
• for 3-phase AC motor       2 hp         - at 200/208 V rated value       2 hp         - at 220/230 V rated value       3 hp         - at 460/480 V rated value       5 hp         - at 460/480 V rated value       7.5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       460/480 V rated value         design of the fuse link       6 for short-circuit protection of the main circuit         - with type of coordination 1 required       gG: 35A (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)         - with type of assignment 2 required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         • side-by-side mounting       Yes		•			
		1 hp			
		3 hp			
contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       A600 / Q600         design of the fuse link       of r short-circuit protection of the main circuit         — with type of coordination 1 required       gG: 35A (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 required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         • side-by-side mounting       Yes	— at 460/480 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: 35A (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 required         gG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         • for short-circuit protection of the auxiliary switch required         Installation/mounting/ dimensions         mounting position         +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface         fastening method         • side-by-side mounting       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715	— at 575/600 V rated value	7.5 hp			
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 required</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>for short-circuit protection of the auxiliary switch required</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> <li>Installation/ mounting/ dimensions         <ul> <li>+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface</li> <li>screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715</li> <li>side-by-side mounting</li> </ul> </li>	contact rating of auxiliary contacts according to UL	A600 / Q600			
• for short-circuit protection of the main circuit         gG: 35A (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 required         gG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)           • for short-circuit protection of the auxiliary switch required         gG: 10 A (500 V, 1 kA)           Installation/mounting/ dimensions         #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface           fastening method         screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715           • side-by-side mounting         Yes	Short-circuit protection				
	design of the fuse link				
	<ul> <li>for short-circuit protection of the main circuit</li> </ul>				
• for short-circuit protection of the auxiliary switch required         gG: 10 A (500 V, 1 kA)           Installation/ mounting/ dimensions         Installation/ mounting/ dimensions           mounting position         +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface           fastening method         screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715           • side-by-side mounting         Yes	<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)			
Installation/ mounting/ dimensions         mounting position         +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface         fastening method         • side-by-side mounting         Yes	- with type of assignment 2 required	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)			
mounting position       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface         fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         • side-by-side mounting       Yes	• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)			
backward by +/- 22.5° on vertical mounting surface       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       • side-by-side mounting     Yes	Installation/ mounting/ dimensions				
side-by-side mounting     Yes	mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface			
	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715			
	side-by-side mounting	Yes			
height 58 mm	height	58 mm			

width	45 mm			
depth	73 mm			
required spacing				
<ul> <li>with side-by-side mounting</li> </ul>				
— forwards	10 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	0 mm			
<ul> <li>for grounded parts</li> </ul>				
— forwards	10 mm			
— upwards	10 mm			
— at the side	6 mm			
— downwards	10 mm			
• for live parts				
— forwards	10 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	6 mm			
connections/ Terminals				
type of electrical connection				
for main current circuit	screw-type terminals			
<ul> <li>for auxiliary and control circuit</li> </ul>	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			
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>			
<ul> <li>finely stranded with core end processing</li> </ul>	2x (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 (0.5 1.5 mm), 2x (0.75 2.5 mm)			
solid	0.5 4 mm²			
stranded	0.5 4 mm²			
finely stranded with core end processing	0.5 2.5 mm <sup>2</sup>			
connectable conductor cross-section for auxiliary contacts	0.5 2.5 mm			
solid or stranded	0.5 4 mm²			
	0.5 2.5 mm <sup>2</sup>			
finely stranded with core end processing	0.5 2.5 mm			
type of connectable conductor cross-sections				
for auxiliary contacts	$2 \times (0.5 + 4.5 \text{ mm}^2) \cdot 2 \times (0.75 + 0.5 \text{ mm}^2) \cdot 2 \times 4 \text{ mm}^2$			
— 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 (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )			
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14), 2x 12			
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			
	1 000 000			
B10 value with high demand rate according to SN 31920 proportion of dangerous failures				
	40 %			
with low demand rate according to SN 31920     with high demand rate according to SN 31920	40 % 73 %			
with high demand rate according to SN 31920     failure rate [EII] with low demand rate according to SN 31920				
failure rate [FIT] with low demand rate according to SN 31920				
T1 value for proof test interval or service life according to IEC 61508	20 a			
protection class IP on the front according to IEC 60529	IP20			
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front			
suitability for use				
-	Yes			
safety-related switching OFF				
safety-related switching OFF Certificates/ approvals				

(SP) CEA		<u>Confirmation</u>	(UL)	KC	EHC
EMC	Functional Safety/Safety of Ma- chinery	Declaration of Conform	mity	Test Certificates	
RCM	<u>Type Examination Cer-</u> <u>tificate</u>	UK CA	CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	Type Test Certific- ates/Test Report
Marine / Shipping					
ABS	B UREAU VERITAS		Llovd's Register uis	PRS	RINA
Marine / Shipping	other		Railway	Dangerous Good	Environment
KMRS	<u>Confirmation</u>		<u>Vibration and Shock</u>	Transport Information	Environmental Con- firmations
https://press.siemens.c Siemens is working of Please contact your lo EAC relevant market ( Information on the pa https://support.industry Information- and Dow https://www.siemens.c Industry Mall (Online	7.siemens.com/cs/ww/en/vie vnloadcenter (Catalogs, B som/ic10	existemens-wind-down-russ ent EAC certificates. tatus of validity of the EAC EAEU member states Russ ew/109813875 Brochures,)	C certification if you intend sia or Belarus).	d to import or offer to supp	ly these products to an

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2016-1BA41

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1BA4

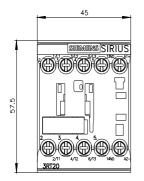
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2016-1BA41&lang=en

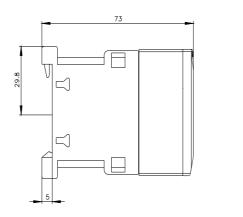
Characteristic: Tripping characteristics, I2t, Let-through current

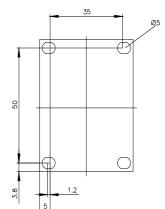
https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1BA41/char

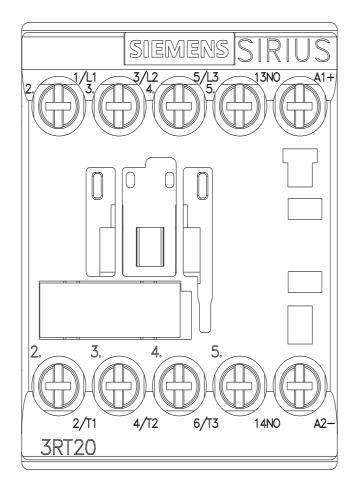
Further characteristics (e.g. electrical endurance, switching frequency)

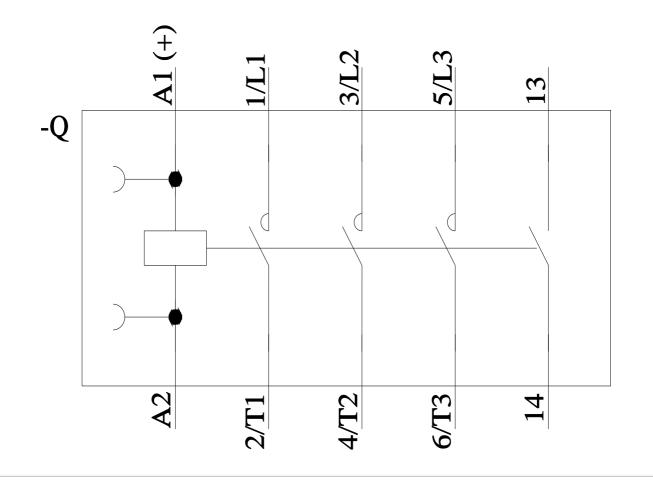
http://www.automation.sien ns.com/bilddb/index.aspx?view= &mlfb 











last modified:

2/10/2023 🖸