## SIEMENS

## Data sheet

## 3RT2015-2WB41



power contactor, AC-3 7 A, 3 kW / 400 V 1 NO, 24 V DC 0.85-1.85\* US, with varistor integrated, 3-pole, size S00, spring-type terminal not expandable with auxiliary switch

product brand name	SIRIUS
product designation	Coupling 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	No
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	0.6 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	0.2 W
<ul> <li>without load current share typical</li> </ul>	1.6 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	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 (switching cycles)	
of contactor typical	30 000 000
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	C00.1/
at AC-3 rated value maximum	690 V
at AC-3e rated value maximum	690 V
operational current	10.4
• at AC-1 at 400 V at ambient temperature 40 °C rated value	18 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	18 A
— up to 690 V at ambient temperature 60 °C rated value	16 A
• at AC-3	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-3e	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-4 at 400 V rated value	6.5 A
• at AC-5a up to 690 V rated value	15.8 A
• at AC-5b up to 400 V rated value	5.8 A
● at AC-6a	
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>	4 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	4 A
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	3.8 A
<ul> <li>— up to 690 V for current peak value n=20 rated value</li> </ul>	3.6 A
● at AC-6a	
<ul> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>	2.7 A
<ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>	2.7 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	2.5 A
— up to 690 V for current peak value n=30 rated value	2.4 A
minimum cross-section in main circuit at maximum AC-1 rated value	2.5 mm <sup>2</sup>
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	2.6 A
at 690 V rated value	1.8 A
operational current	
<ul> <li>at 1 current path at DC-1</li> </ul>	
— at 24 V rated value	15 A
— at 110 V rated value	1.5 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.42 A
— at 600 V rated value	0.42 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	15 A
— at 110 V rated value	8.4 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.5 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	15 A
— at 110 V rated value	15 A
— at 220 V rated value	15 A

— at 440 V rated value	0.9 A			
— at 600 V rated value	0.7 A			
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>				
— at 24 V rated value	15 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	15 A			
— at 110 V rated value	0.25 A			
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>				
— at 24 V rated value	15 A			
— at 110 V rated value	15 A			
— at 220 V rated value	1.2 A			
— at 440 V rated value	0.14 A			
— at 600 V rated value	0.14 A			
operating power				
• at AC-3				
— at 230 V rated value	1.5 kW			
— at 400 V rated value	3 kW			
— at 500 V rated value	3 kW			
— at 690 V rated value	4 kW			
• at AC-3e				
— at 230 V rated value	1.5 kW			
— at 400 V rated value	3 kW			
— at 500 V rated value	3 kW			
— at 690 V rated value	4 kW			
operating power for approx. 200000 operating cycles at AC-4				
at 400 V rated value	1.15 kW			
• at 690 V rated value	1.15 kW			
operating apparent power at AC-6a				
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	1.5 kVA			
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	2.7 kVA			
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	3.3 kVA			
<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	4.3 kVA			
operating apparent power at AC-6a				
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	1 kVA			
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	1.8 kVA			
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	2.2 kVA			
<ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>	2.9 kVA			
short-time withstand current in cold operating state				
up to 40 °C	120 At Llos minimum gross spatian and to AC 4 rated value			
<ul> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> </ul>	120 A; Use minimum cross-section acc. to AC-1 rated value			
Imited to 5 s switching at zero current maximum	86 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> </ul>	67 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul>	52 A; Use minimum cross-section acc. to AC-1 rated value 43 A; Use minimum cross-section acc. to AC-1 rated value			
no-load switching frequency	To A, Ose minimum cross-section act. to AC-1 fated value			
• 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				
type of voltage of the control supply voltage	DC			
control supply voltage at DC				
rated value	24 V			
operating range factor control supply voltage rated				
value of magnet coil at DC				
initial value	0.85			

Universite value         100           design of the surge suppressor         with variator           closing power of magnet coll at DC         16 W           holding power of magnet coll at DC         16 W           closing delay         -           - eLDC         25 20 ms           opening delay         -           - eLDC         5 20 ms           opening delay         -           - eLDC         5 20 ms           opening delay         -           - eLDC         5 20 ms           opening delay (control for southor porsting mechanism         25 120 ms           operational current at AC-12 maximum         00A           operational current at AC-15         10 A           - eL30 V rated value         2 A           - eL30 V rated value         3 A           - eL30 V rated value         6 A           - eL30 V rated value         7 A           - eL30 V rated val	• full-scale value	1.85		
Idealing power of magnet coil at DC     1.6 W       Indeling power of magnet coil at DC     1.6 W       Indeling power of magnet coil at DC     1.6 W       Indeling power of magnet coil at DC     1.6 W       Indeling power of magnet coil at DC     2.6 120 ms       Indeling power of magnet coil at DC     5 20 ms       Indeling power of the switch operating mechanism     Standard A1 - A2       Auxiliary circum     10 15 mb       Control version of the switch operating mechanism     1       Auxiliary circum     10 A       Operational current at AC-15     1       Immediate orothed     10 A       Operational current at AC-15     1       Interview at AC-12 maximum     10 A       Operational current at AC-15     1       Interview at AC-12     10 A       Interview at AC-13     10 A				
holding power of magnet coll at DC     1.6 W       closing delay     25 120 ms       • at DC     25 120 ms       • at DC     5 20 ms       outling variable     1       number of No Contracts for auxiliary contacts     1       operational current at AC-12 maximum     10 A       • at 300 V rated value     2 A       • at 300 V rated value     2 A       • at 300 V rated value     0 A       • at 30				
closing delay       25120 ms         • at DC       520 ms         • at DC       520 ms         • at DC       520 ms         • at DC       1015 ms         Control Version of the switch operating mechanism       Standard A1 - A2         Auxiliary circuit       1015 ms         number of NO contacts for auxiliary contacts       1         instantaneous contact       1         operational current at AC-12       10.A         operational current at AC-12       0         • if 400 Vrated value       2A         • at 600 Vrated value       0A         • if 300 Vrated value       0A         • at 600 Vrated value       0A         • at 125 Vrated value       0A         • at 120 Vrated value       0A         • at 400 Vrated value       0A         • at 600 Vrated value				
• et DC     25 120 ms       opening delay     5 20 ms       • et DC     5 20 ms       arcing time     1015 ms       control version of the switch operating mechanism     Standard A1 - A2       Auxiliary oricuit     1       instantaneous context     1       operational current at AC-15     1       • at 30 V rated value     10 A       operational current at AC-15     1       • at 30 V rated value     10 A       • at 600 V rated value     2 A       • at 600 V rated value     10 A       • at 220 V rated value     10 A       • at 60 V rated value     2 A       • at 60 V rated value     2 A       • at 60 V rated value     10 A       • at 60 V rated value     10 A       • at 60 V rated value		1.0 W		
opening delay         s 20 ms           a reing time         10 15 ms           control version of the switch operating mechanism         Standard A1 - A2           Auxiliary circuit         1           number of NO contacts for auxiliary contacts         1           fistantaneous contact         1           operational current at AC-12 maximum         10 A           operational current at AC-14         3           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         1           at 800 V rated value         6 A           at 800 V rated value         6 A           at 800 V rated value         1 A           operational current at DC-12         0           at 80 V rated value         1 A           at 80 V rated value         1 A           at 80 V rated value         2 A		25 120 mc		
• e1 DC     5 20 ms       arcing time     10 15 ms       Control version of the switch operating mechanism     Startard A1 - A2       Anxilary orbit     Instantances contact       poperational current at AC-18 maximum     10 A       operational current at AC-16     1       • at 300 V rated value     3 A       • at 300 V rated value     2 A       • at 300 V rated value     3 A       • at 400 V rated value     3 A       • at 400 V rated value     3 A       • at 400 V rated value     10 A       opperational current at DC-12     1       • at 40 V rated value     6 A       • at 60 V rated value     3 A       • at 60 V rated value     1 A       • at 22 V rated value     1 A       • at 24 V rated value     10 A       • at 48 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 2		25 120 1115		
arcing time         1015 ms           Control Version of the switch operating mechanism         Standard A1 - A2           Axinary circuit         1           number of NO contacts for axillary contacts         1           instantaneous contact         10A           operational current at AC-12 maximum         10A           operational current at AC-15         10A           et at 600 Vrated value         2A           et at 600 Vrated value         1A           operational current at AC-12         1A           operational current at AC-12         1A           operational current at AV rated value         1A           operational current at AV rated value         6A           et at 80 Vrated value         6A           et at 80 Vrated value         2A           et at 80 Vrated value         3A           et 300 Vrated value		5 20 ms		
Control Version of the switch operating mechanism         Standard A1 - A2           Auxiliary circuit         Instentianeous contacts or auxiliary contacts         1           operational current at AC-15         IDA           eat 300 V rated value         3A           eat 500 V rated value         3A           eat 500 V rated value         3A           eat 500 V rated value         1A           operational current at DC-12         IA           eat 600 V rated value         6A           eat 600 V rated value         1A           operational current at DC-13         IA           eat 600 V rated value         1A           operational current at DC-13         IDA           eat 60 V rated value         1A           operational current at DC-13         IDA           eat 60 V rated value         1A           eat 60 V rated value				
Auxiliary circuit         1           pumber of NO contacts for auxiliary contacts         1           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         10 A           eat 300 V rated value         3A           eat 300 V rated value         1A           operational current at AC-12 maximum         10 A           operational current at AC-12 maximum         10 A           eat 300 V rated value         2A           eat 300 V rated value         1A           operational current at DC-12         6A           eat 80 V rated value         6A           eat 80 V rated value         2A           eat 80 V rated value         1A           eat 80 V rated value         0A           eat 80 V rated value         0.75 hp				
number of NO contacts for auxiliary contacts         1           instantaneous contact         10 A           operational current at AC-12 maximum         10 A           operational current at AC-15 maximum         10 A           at 200 V rated value         3 A           at 300 V rated value         2 A           at 480 V rated value         10 A           operational current at DC-12         10 A           at 24 V rated value         6 A           at 43 V rated value         6 A           at 400 V rated value         6 A           at 20 V rated value         10 A           at 20 V rated value         6 A           at 40 V rated value         10 A           at 20 V rated value         10 A           at 20 V rated value         0.15 A           opperational current at DC-13         10 A           at 40 V rated value         10 A           at 41 V rated value         10 A           at 42 V rated value         0.15 A           opperational current at DC-13         10 A           at 40 V rated value         0.14 A           at 60 V rated value         0.15 A           opperational current at DC-13         14 AV rated value           at 80 V rated value <t< td=""><td></td><td></td></t<>				
Instantaneous contact operational current at AC-15 anaximm operational current at AC-15 • at 200 V rated value • at 600 V rated value • at 600 V rated value • at 60 V rated value • at 60 V rated value • at 80 V rated valu		1		
operational current at AC-15         10 A           • at 200 V rated value         10 A           • at 600 V rated value         2 A           • at 600 V rated value         2 A           • at 600 V rated value         10 A           • at 600 V rated value         10 A           • at 60 V rated value         10 A           • at 42 V rated value         6 A           • at 60 V rated value         6 A           • at 60 V rated value         3 A           • at 60 V rated value         6 A           • at 60 V rated value         2 A           • at 220 V rated value         10 A           • at 220 V rated value         10 A           • at 220 V rated value         10 A           • at 60 V rated value         10 A           • at 60 V rated value         10 A           • at 60 V rated value         2 A           • at 60 V rated value         2 A           • at 10 V rated value         0.3 A           • at 220 V rated value         0.3 A           • at 20 V rated value         0.4 A           • at 600 V rated value         0.4 A           • at 400 V rated value         0.5 hp           • at 400 V rated value         0.5 hp           • at				
• at 230 V rated value     10 Å       • at 300 V rated value     3 Å       • at 500 V rated value     2 Å       • at 600 V rated value     1 Å       opprational current at DC-12     •       • at 42 V rated value     6 Å       • at 100 V rated value     6 Å       • at 100 V rated value     6 Å       • at 24 V rated value     6 Å       • at 100 V rated value     6 Å       • at 25 V rated value     1 Å       • at 260 V rated value     2 Å       • at 260 V rated value     1 Å       • at 260 V rated value     2 Å       • at 260 V rated value     1 Å       • at 260 V rated value     1 Å       • at 260 V rated value     2 Å       • at 260 V rated value     2 Å       • at 300 V rated value     2 Å       • at 48 V rated value     2 Å       • at 400 V rated value     2 Å       • at 200 V rated value     0 Å    <	operational current at AC-12 maximum	10 A		
• at 400 V rated value         3 A           • at 500 V rated value         2 A           • at 690 V rated value         1 A           operational current at DC-12         0 A           • at 24 V rated value         6 A           • at 40 V rated value         6 A           • at 40 V rated value         6 A           • at 10 V rated value         3 A           • at 10 V rated value         3 A           • at 20 V rated value         2 A           • at 200 V rated value         1 A           • at 200 V rated value         0 A           • at 80 V rated value         0 A           • at 60 V rated value         2 A           • at 60 V rated value         0 A           • at 20 V rated value         0 A           • at 20 V rated value         0 A           • at 200 V rated value         0 A           • at 400 V rated value         0 A           • at 400 V rated value         0 A           • at 400 V rated value         0.25 hp           • at 400 V rated value         0.25 hp           • at 200/208 V rated	operational current at AC-15			
• at 500 V rated value     2 A       • at 600 V rated value     1 A       oporational current at DC-12     10 A       • at 24 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 22 V rated value     1 A       • at 22 V rated value     1 A       • at 22 V rated value     1 A       • at 22 V rated value     0 A       • at 22 V rated value     1 A       • at 20 V rated value     0 A       • at 20 V rated value     0 A       • at 24 V rated value     0 A       • at 40 V rated value     2 A       • at 10 V rated value     0 A       • at 20 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)       ULCSA ratings     Tulload current (FLA) for 3-phase AC motor       • at 480 V rated value     0.25 hp       • at 300 V rated value     0.25 hp       • at 300 V rated value     0.25 hp       • at 300 V rated value     1.5 hp       - at 2020208 V rated va	<ul> <li>at 230 V rated value</li> </ul>	10 A		
• at 690 V rated value     1 A       operational current at DC-12     0 A       • at 24 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 200 V rated value     0.15 A       operational current at DC-13     0.15 A       operational current at DC-14     0 A       • at 60 V rated value     2 A       • at 60 V rated value     0.1 A       • at 60 V rated value     0.1 A       • at 60 V rated value     0.1 A       • at 125 V rated value     0.3 A       • at 200 V rated value     0.1 A       • at 800 V rated value     0.1 A       • of 100 V rated value     0.1 A       • of 100 V rated value     0.1 A       • of 00 V rated value     0.1 A       • of 00 V rated value     0.1 A       • of 100 V rated value     0.25 hp       • of 00 V rated value     0.25 hp	<ul> <li>at 400 V rated value</li> </ul>	3 A		
operational current at DC-12       10 A         • at 42 V rated value       10 A         • at 43 V rated value       6 A         • at 60 V rated value       6 A         • at 100 V rated value       3 A         • at 220 V rated value       2 A         • at 220 V rated value       0.15 A         opperational current at DC-13       10 A         • at 60 V rated value       0.15 A         opperational current at DC-13       10 A         • at 60 V rated value       2 A         • at 10 V rated value       2 A         • at 40 V rated value       2 A         • at 40 V rated value       2 A         • at 40 V rated value       2 A         • at 60 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       4.8 A         • at 600 V rated value       4.8 A         • at 600 V rated value       0.25 hp         - at 200/208 V rated value       0.25 hp         - at 200/208 V rated value       1.5 hp         - at 200/208 V rated value       3 hp <tr< td=""><td><ul> <li>at 500 V rated value</li> </ul></td><td>2 A</td></tr<>	<ul> <li>at 500 V rated value</li> </ul>	2 A		
operational current at DC-12       10 A         • at 42 V rated value       10 A         • at 43 V rated value       6 A         • at 60 V rated value       6 A         • at 100 V rated value       3 A         • at 220 V rated value       2 A         • at 220 V rated value       0.15 A         opperational current at DC-13       10 A         • at 60 V rated value       0.15 A         opperational current at DC-13       10 A         • at 60 V rated value       2 A         • at 10 V rated value       2 A         • at 40 V rated value       2 A         • at 40 V rated value       2 A         • at 40 V rated value       2 A         • at 60 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       4.8 A         • at 600 V rated value       4.8 A         • at 600 V rated value       0.25 hp         - at 200/208 V rated value       0.25 hp         - at 200/208 V rated value       1.5 hp         - at 200/208 V rated value       3 hp <tr< td=""><td></td><td></td></tr<>				
• at 24 V rated value     10 Å       • at 48 V rated value     6 Å       • at 10 V rated value     6 Å       • at 110 V rated value     3 Å       • at 125 V rated value     2 Å       • at 220 V rated value     0.15 Å       operational current at DC-13     0.15 Å       • at 60 V rated value     1 Å       • at 60 V rated value     1 Å       • at 60 V rated value     2 Å       • at 60 V rated value     2 Å       • at 60 V rated value     2 Å       • at 125 V rated value     0.4 Å       • at 10 V rated value     0.4 Å       • at 10 V rated value     0.4 Å       • at 10 V rated value     0.3 Å       • at 220 V rated value     0.3 Å       • at 600 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 mA)       UL/CSA ratings     1       full-load current (FLA) for 3-phase AC motor     6.1 Å       • at 600 V rated value     0.25 hp       • at 600 V rated value     0.25 hp       • at 200 Vrated value     0.25 hp       • at 200203 V rated value     0.25 hp       • at 200203 V rated value     0.25 hp       • at 600 V rated value     1.5 hp       - at				
<ul> <li>al 48 V rated value</li> <li>al 60 V rated value</li> <li>al 61 V rated value</li> <li>al 61 V rated value</li> <li>al 25 V rated value</li> <li>al 220 V rated value</li> <li>al 220 V rated value</li> <li>al 220 V rated value</li> <li>al 230 V rated value</li> <li>al 24 V rated value</li> <li>al 46 V rated value</li> <li>al 60 V rated value</li> <li>bit for 3-phase AC motor</li> <li>al 60 V rated value</li> <li>al 60 V rated value</li> <li>al 60 V rated value</li> <li>bit for 3-phase AC motor</li> <li>al 40/480 V rated value</li> <li>bit for 3-phase AC motor</li> <li>al 40/480 V rated value</li> <li>bit for 3-phase AC motor</li> <li>al 40/480 V rated value</li> <li>bit for 3-phase AC motor</li> <li>al 40/480 V rated value</li> <li>bit for 3-phase AC motor</li> <li>al 40/480 V rated value</li> <li< td=""><td>•</td><td>10 A</td></li<></ul>	•	10 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         operational current at DC-13       •         • at 24 V rated value       10 A         • at 48 V rated value       10 A         • at 40 V rated value       2 A         • at 600 V rated value       2 A         • at 10 V rated value       2 A         • at 10 V rated value       0.9 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)         UL/CSA ratings       full-load current (FLA) for 3-phase AC motor         • at 800 V rated value       6.1 A         • yielded mechanical performance [thp]       • for single-phase AC motor         • at 320 V rated value       0.25 hp         • at 200/208 V rated value       0.75 hp         • for 3-phase AC motor       1.5 hp         • at 200/208 V rated value       2 hp         • at 480/400 V rated value       3 hp         • at 202/200 V rated value       2 hp         • at 480/400 V rated value       3 hp         • at 375/				
• at 110 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       10 A         • at 24 V rated value       2 A         • at 40 V rated value       2 A         • at 40 V rated value       2 A         • at 40 V rated value       2 A         • at 60 V rated value       2 A         • at 110 V rated value       0.9 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       1         full-load current (FLA) for 3-phase AC motor       4.8 A         • at 800 V rated value       6.1 A         yielded mechanical performance [hp]       6.1 A         • for single-phase AC motor       -         - at 200/208 V rated value       0.25 hp         - at 200/208 V rated value       1.5 hp         - at 200/208 V rated value       1.5 hp         - at 460/480 V rated value       3 hp         - at 460/480 V rated value       3 hp         - at 460/480 V rated value       5 hp         contact rating of auxiliary contacts according				
• at 125 V rated value       2 A         • at 220 V rated value       1A         • at 2600 V rated value       0.15 A         operational current at DC-13       10 A         • at 24 V rated value       2A         • at 48 V rated value       2A         • at 60 V rated value       2A         • at 10 V rated value       2A         • at 10 V rated value       2A         • at 22 V rated value       0.9 A         • at 20 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)         U/CSA ratings       10/LOSA rated value         full-load current (FLA) for 3-phase AC motor       4.8 A         • at 480 V rated value       6.1 A         yielded mechanical performance [hp]       •         • for single-phase AC motor       -         - at 200/208 V rated value       0.25 hp         - at 200/208 V rated value       1.5 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 55/600 V rated value       3 hp         - at 60/480 V rated value       3				
<ul> <li>at 220 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 60 V rated value</li> <li>2 A</li> <li>at 10 V rated value</li> <li>1 A</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 220 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-load current (FLA) for 3-phase AC motor</li> <li>at 600 V rated value</li> <li>6.1 A</li> <li>yielded mechanical performance [hp]</li> <li>of or single-phase AC motor</li> <li>at 200/208 V rated value</li> <li>0.25 hp</li> <li>at 200/208 V rated value</li> <li>0.75 hp</li> <li>of or single-phase AC motor</li> <li>at 4800 V rated value</li> <li>1.5 hp</li> <li>at 200/208 V rated value</li> <li>1.5 hp</li> <li>at 480/480 V rated value</li> <li>3 hp</li> <li>at 57/600 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 of the main circuit</li> <li>with type of coordination 1 required</li> <li>g6: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 10 A (500 V, 1 kA)</li> <li>g6: 10 A (500 V, 1 kA)</li> </ul>				
• at 600 V rated value       0.15 Å         operational current at DC-13       10 Å         • at 24 V rated value       2 Å         • at 48 V rated value       2 Å         • at 60 V rated value       2 Å         • at 110 V rated value       0.9 Å         • at 25 V rated value       0.3 Å         • at 250 V rated value       0.14 Å         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       10 Å         full-load current (FLA) for 3-phase AC motor       4.8 Å         • at 600 V rated value       4.8 Å         • at 600 V rated value       0.75 hp         • at 110/120 V rated value       0.75 hp         • at 220/230 V rated value       0.75 hp         • at 220/230 V rated value       1.5 fp         - at 220/230 V rated value       1.5 hp         - at 220/230 V rated value       1.5 hp         - at 460/480 V rated value       3 hp         - at 460/480 V rated value       5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection of the main circu				
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 110 V rated value       1 A         • at 220 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       full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       6.1 A         yielded mechanical performance [hp]       • for single-phase AC motor         • at 200/208 V rated value       0.25 hp         • at 200/208 V rated value       0.25 hp         • at 200/208 V rated value       1.5 hp         - at 200/208 V rated value       3 hp         - at 400/480 V rated value       3 hp         - at 400/480 V rated value       3 hp         - at 400/480 V rated value       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         • for short-circuit protection of the main circuit       - with type of assignment 2 required <td< td=""><td></td><td></td></td<>				
<ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>at 60 V rated value</li> <li>at 60 V rated value</li> <li>at 10 V rated value</li> <li>at 110 V rated value</li> <li>at 125 V rated value</li> <li>at 125 V rated value</li> <li>0.9 A</li> <li>at 20 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-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>A</li> <li>end t00 V rated value</li> <li>A</li> </ul> </li> <li>ornata reliability of auxiliary contacts</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>A</li> <li>end t00 V rated value</li> <li>for single-phase AC motor             <ul> <li>at 200 V rated value</li> <li>for 3-phase AC motor</li> <li>at 200 V rated value</li> <li>0.75 hp</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>1.5 hp</li> <li>at 2020/200 V rated value</li> <li>2 hp</li> <li>at 2020/201 V rated value</li> <li>2 hp</li> <li>at 360 / Qaco</li> <li>bn</li> <li>at 675/600 V rated value</li> <li>5 hp</li></ul></li></ul></li></ul>		0.13 A		
<ul> <li>at 48 V rated value</li> <li>at 60 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-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>6.1 A</li> </ul> </li> <li>yielded mechanical performance [hp]</li> <li>of or single-phase AC motor         <ul> <li>at 200 V rated value</li> <li>0.25 hp</li> <li>at 200 V rated value</li> <li>0.75 hp</li> </ul> </li> <li>of or 3-phase AC motor         <ul> <li>at 200 V rated value</li> <li>0.75 hp</li> <li>of or 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>0.75 hp</li> <li>of 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>0.76 hp</li> </ul> </li> <li>of or 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>1.5 hp</li> <li>at 200/208 V rated value</li> <li>5 hp</li> <li>at 200/208 V rated value</li> <li>5 hp</li> <li>at 575/600 V rated value</li> <li>5 hp</li> </ul> </li> <li>ornater traing of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection of the main circuit             <ul> <li>with type of coordination 1 required</li> <li>Gis 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>Gis 400 / Q600, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>with type of assignment 2 required</li> <li>Gis 20A (690V,</li></ul></li></ul>	•	10.0		
<ul> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>1 A</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-load current (FLA) for 3-phase AC motor         <ul> <li>at 600 V rated value</li> <li>6.1 A</li> </ul> </li> <li>for single-phase AC motor         <ul> <li>at 600 V rated value</li> <li>6.1 A</li> </ul> </li> <li>for single-phase AC motor             <ul> <li>at 100 V rated value</li> <li>6.1 A</li> </ul> </li> <li>for single-phase AC motor             <ul> <li>at 100 V rated value</li> <li>0.25 hp</li> <li>at 200/208 V rated value</li> <li>0.75 hp</li> </ul> </li> <li>for 3-phase AC motor             <ul> <li>at 200/208 V rated value</li> <li>0.75 hp</li> <li>for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>2 hp</li> <li>at 450/480 V rated value</li> <li>3 hp</li> <li>at 57b/600 V rated value</li> <li>5 hp</li> </ul> </li> <li>Contact rating of auxiliary contacts according to UL A600 / Q600</li> <li>Short-circuit protection of the main circuit             <ul> <li>with type of coordination 1 required</li> <li>G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>G: 10 A (500 V, 1 kA)</li> </ul> </li> <li>for short-circuit protection of the auxiliary switch required</li> <li>required</li> </ul>				
eit 110 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         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       4.8 A         • at 600 V rated value       6.1 A         yielded mechanical performance [hp]         • for single-phase AC motor         - at 110/120 V rated value       0.25 hp         - at 200/208 V rated value       0.75 hp         • for 3-phase AC motor         - at 200/208 V rated value       1.5 hp         - at 200/208 V rated value       2 hp         - at 400/480 V rated value       5 hp         - at 400/480 V rated value       5 hp         contact rating of auxillary 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: 35A (690V,100kA), aM: 16A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 10 A (500 V, 1 kA)         • for short-c				
• 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         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       6.1 A         vielded mechanical performance [hp]         • for single-phase AC motor         - at 10/120 V rated value       0.25 hp         - at 200/208 V rated value       0.75 hp         • for 3-phase AC motor         - at 220/208 V rated value       1.5 hp         - at 220/208 V rated value       2 hp         - at 460/480 V rated value       3 hp         - at 575/600 V rated value       5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of assignment 2 required       gG: 35A (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)				
• 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 <ul> <li>full-load current (FLA) for 3-phase AC motor</li> <li>• at 480 V rated value</li> <li>• at 600 V rated value</li> <li>• at 600 V rated value</li> <li>• for single-phase AC motor</li> <li>- at 10/120 V rated value</li> <li>0.25 hp</li> <li>- at 200/208 V rated value</li> <li>0.75 hp</li> <li>• for 3-phase AC motor</li> <li>- at 200/208 V rated value</li> <li>0.75 hp</li> <li>• for 3-phase AC motor</li> <li>- at 200/208 V rated value</li> <li>1.5 hp</li> <li>- at 220/230 V rated value</li> <li>2 hp</li> <li>- at 600 V rated value</li> <li>3 hp</li> <li>- at 575/600 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 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) aG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) aG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) aG: 10 A (500 V, 1 kA)</li> <li>required</li> <li>Installation/ mounting/ dimensions</li> <li>Installation/ mounting/ dimensions</li> <li>Description</li> <li>Descript</li></ul>				
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       4.8 A         • at 600 V rated value       6.1 A         yielded mechanical performance [hp]       6.1 A         • for single-phase AC motor       0.25 hp         - at 110/120 V rated value       0.25 hp         • for 3-phase AC motor       0.75 hp         • for 3-phase AC motor       1.5 hp         - at 220/230 V rated value       2 hp         - at 480/480 V rated value       3 hp         - at 460/480 V rated value       5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection of the main circuit       96: 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 assignment 2 required       gG: 10 A (500 V, 1 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)				
UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value         • at 600 V rated value         • at 600 V rated value         • at 600 V rated value         • for single-phase AC motor         - at 110/120 V rated value         - at 200 / rated value         • for 3-phase AC motor         - at 200/208 V rated value         - at 400/480 V rated value         - at 4575/600 V rated value         - at 4575/600 V rated value         - at 575/600 V rated value         - at 575/600 V rated value         - at 575/600 V rated value         - at 650 / Q600         Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         9G: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V, 80kA)         9G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         9G: 10 A (500 V, 1 kA)				
full-load current (FLA) for 3-phase AC motor         • at 480 V rated value         • at 480 V rated value         • at 600 V rated value         • at 600 V rated value         • for single-phase AC motor         - at 110/120 V rated value         0.25 hp         - at 230 V rated value         0.75 hp         • for 3-phase AC motor         - at 230 V rated value         0.75 hp         • for 3-phase AC motor         - at 200/208 V rated value         1.5 hp         - at 200/208 V rated value         - at 200/208 V rated value         2 hp         - at 4575/600 V rated value         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         - with type of assignment 2 required         9G: 35A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V,80kA)         gG: 10 A (500 V, 1 kA)         required         Installation/ mounting/ dimensions		Trauty switching per 100 million (17 V, T MA)		
• at 480 V rated value       4.8 A         • at 600 V rated value       6.1 A         yielded mechanical performance [hp]       6.1 A         • for single-phase AC motor       0.25 hp         - at 210 V rated value       0.25 hp         - at 230 V rated value       0.75 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       1.5 hp         - at 220/230 V rated value       2 hp         - at 260/280 V rated value       3 hp         - at 575/600 V rated value       5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         - with type of coordination 1 required       gG: 20A (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 required       gG: 10 A (500 V, 1 kA)				
• at 600 V rated value6.1 Ayielded mechanical performance [hp]• for single-phase AC motor0.25 hp- at 110/120 V rated value0.25 hp- at 230 V rated value0.75 hp• for 3-phase AC motor- at 200/208 V rated value- at 200/208 V rated value1.5 hp- at 220/230 V rated value2 hp- at 460/480 V rated value3 hp- at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiongG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of assignment 2 requiredgG: 35A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)		404		
yielded mechanical performance [hp]         • for single-phase AC motor         - at 110/120 V rated value       0.25 hp         - at 230 V rated value       0.75 hp         • for 3-phase AC motor       -         - at 200/208 V rated value       1.5 hp         - at 220/230 V rated value       2 hp         - at 460/480 V rated value       3 hp         - at 575/600 V rated value       5 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       4680 / 480 V.100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         • 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)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)				
<ul> <li>for single-phase AC motor         <ul> <li>at 110/120 V rated value</li> <li>0.25 hp</li> <li>at 230 V rated value</li> <li>0.75 hp</li> </ul> </li> <li>for 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>0.75 hp</li> </ul> </li> <li>for 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>0.75 hp</li> </ul> </li> <li>for 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>1.5 hp</li> <li>at 220/230 V rated value</li> <li>2 hp</li> <li>at 460/480 V rated value</li> <li>2 hp</li> <li>at 575/600 V rated value</li> <li>5 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 coordination 1 required</li> <li>gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</li> <li>gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V, 80kA)</li> <li>of or short-circuit protection of the auxiliary switch required</li> <li>gG: 10 A (500 V, 1 kA)</li> </ul> </li> <li>Installation/ mounting/ dimensions</li>		6.1 A		
- at 110/120 V rated value0.25 hp- at 230 V rated value0.75 hp• for 3-phase AC motor at 200/208 V rated value1.5 hp- at 220/230 V rated value2 hp- at 460/480 V rated value3 hp- at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protection-design of the fuse link• for short-circuit protection of the main circuit- with type of coordination 1 requiredgG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of assignment 2 requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensions-				
<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>bp</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 575/600 V rated value</li> <li>bp</li> <li>bp</li> <li>at 575/600 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 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: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</li> <li>of or short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</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>bp</li> <li>at 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> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li>                         gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)</ul></li>                          gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)</ul>				
		0.75 hp		
at 220/230 V rated value2 hp at 460/480 V rated value3 hp at 575/600 V rated value5 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 requiredgG: 35A (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 switch requiredgG: 10 A (500 V, 1 kA)				
at 460/480 V rated value3 hp at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectionGesign of the fuse link• for short-circuit protection of the main circuitgG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of coordination 1 requiredgG: 20A (690V,100kA), aM: 20A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)				
at 575/600 V rated value5 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 requiredgG: 35A (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 switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensionsInstallation/ mounting/ dimensions				
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: 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)	— 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         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions				
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>GE: 35A (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>Installation/ mounting/ dimensions</li> </ul>		A600 / Q600		
for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         (G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)         (G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,         80kA)         (for short-circuit protection of the auxiliary switch         required         (G: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions	Short-circuit protection			
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       gG: 10 A (500 V, 1 kA)	design of the fuse link			
— 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       Installation/ mounting/ dimensions	<ul> <li>for short-circuit protection of the main circuit</li> </ul>			
• for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)		
for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  G: 10 A (500 V, 1 kA)	- with type of assignment 2 required			
required Installation/ mounting/ dimensions		,		
Installation/ mounting/ dimensions		gG: 10 A (500 V, 1 kA)		
+/-180° rotation possible on vertical mounting surface; can be tilted				
	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 standard mounting rail		
	according to DIN EN 60715		
side-by-side mounting	Yes		
height	70 mm		
width	45 mm		
depth	121 mm		
<ul> <li>required spacing</li> <li>with side-by-side mounting</li> </ul>			
<ul> <li>with side-by-side mounting</li> <li>forwards</li> </ul>	10 mm		
— upwards	10 mm		
— downwards	10 mm		
— at the side	0 mm		
for grounded parts			
— forwards	10 mm		
— upwards	10 mm		
— at the side	6 mm		
— downwards	10 mm		
<ul> <li>for live parts</li> </ul>			
— forwards	10 mm		
— upwards	10 mm		
— downwards	10 mm		
— at the side	6 mm		
Connections/ Terminals			
type of electrical connection			
<ul> <li>for main current circuit</li> </ul>	spring-loaded terminals		
<ul> <li>for auxiliary and control circuit</li> </ul>	spring-loaded terminals		
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Spring-type terminals		
of magnet coil	Spring-type terminals		
type of connectable conductor cross-sections			
<ul> <li>for main contacts</li> </ul>			
— solid	2x (0.5 4 mm²)		
— solid or stranded	2x (0,5 4 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 2.5 mm <sup>2</sup> )		
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.5 2.5 mm <sup>2</sup> )		
at AWG cables for main contacts	2x (20 12)		
connectable conductor cross-section for main contacts			
solid	0.5 4 mm²		
stranded	0.5 4 mm <sup>2</sup>		
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm²		
<ul> <li>finely stranded without core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>		
connectable conductor cross-section for auxiliary			
contacts			
<ul> <li>solid or stranded</li> </ul>	0.5 4 mm²		
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>		
finely stranded without core end processing	0.5 2.5 mm²		
type of connectable conductor cross-sections			
for auxiliary contacts			
— solid or stranded	$2x (0.5 \dots 4 \text{ mm}^2)$		
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 2.5 mm <sup>2</sup> )		
- finely stranded without core end processing	2x (0.5 2.5 mm <sup>2</sup> )		
at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross	2x (20 12)		
AWG number as coded connectable conductor cross section			
for main contacts	20 12		
<ul> <li>for auxiliary contacts</li> </ul>	20 12		
Safety related data			
product function			
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	No		
B10 value with high demand rate according to SN 31920	1 000 000		

proportion of dange	rous failures					
	d rate according to SN		40 %			
	nd rate according to SN		73 %			
31920	ow demand rate accord		100 FIT			
T1 value for proof tes IEC 61508	t interval or service life	according to	20 y			
protection class IP o 60529	on the front according	to IEC	IP20			
touch protection on	the front according to	DIEC 60529	finger-safe, for vertical contact from the front			
suitability for use						
<ul> <li>safety-related s</li> </ul>	0	_	Yes			
Certificates/ approval	S					
General Product Ap	proval					
(SP)	<u>Confirmation</u>			KC	EHC	
EMC	Functional Safety/Safety of Machinery	Declaration of	Conformity	Test Certificates		
RCM	<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	
Marine / Shipping						
ABS	BUREAU VERITAS		Lloyd's Kegister us	PRS	RINA	
Marine / Shipping	other		Dangerous Good			
RMRS RMRS	Confirmation		<u>Transport Informa-</u> <u>tion</u>			
https://www.siemens. Industry Mall (Online	e ordering system)					
https://mall.industry.si Cax online generato http://support.automa Service&Support (M https://support.industr Image database (pro http://www.automation Characteristic: Tripp https://support.industr Further characterist	emens.com/mall/en/en r tion.siemens.com/WW// anuals, Certificates, C y.siemens.com/cs/ww// oduct images, 2D dime n.siemens.com/bilddb/c bing characteristics, I <sup>2</sup> y.siemens.com/cs/ww// ics (e.g. electrical end	CAXorder/default. Characteristics, F en/ps/3RT2015-2V ension drawings, tax_de.aspx?mlfb= t, Let-through cu en/ps/3RT2015-2V lurance, switchin	VB41 3D models, device circuit =3RT2015-2WB41⟨=en rrent WB41/char	diagrams, EPLAN ma		
last modified:			6/2/2022 🖸			
3PT20152WB41				Subject to	change without notice	

7/8/2022