## **SIEMENS**

Data sheet 3RT2016-2JB42



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 24 V DC, 0.7-1.25 $^{\star}$  Us, with integrated diode, auxiliary contacts: 1 NC, spring-loaded terminal, size: S00, suitable for PLC outputs, 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>	0.9 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>	2.8 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	
of main circuit rated value	6 kV
of auxiliary circuit rated value	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)	
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	
<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 value	22 A
• at AC-1	
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	22 A
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	20 A
• 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
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	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	
— up to 230 V for current peak value n=20 rated value	5.3 A
— up to 400 V for current peak value n=20 rated value	5.3 A
— up to 500 V for current peak value n=20 rated value	5.3 A
— up to 690 V for current peak value n=20 rated value	5 A
• at AC-6a	
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	3.5 A
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	3.5 A
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	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 mm²
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
	0.071
operational current	
operational current  • at 1 current path at DC-1	
• at 1 current path at DC-1	20 A
• at 1 current path at DC-1 — at 24 V rated value	20 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value	20 A
<ul> <li>at 1 current path at DC-1</li> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> </ul>	20 A 2.1 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value	20 A 2.1 A 0.8 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value	20 A 2.1 A 0.8 A 0.6 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value	20 A 2.1 A 0.8 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  with 2 current paths in series at DC-1	20 A 2.1 A 0.8 A 0.6 A 0.6 A
<ul> <li>at 1 current path at DC-1 <ul> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>at 600 V rated value</li> <li>at 24 V rated value</li> </ul>	20 A 2.1 A 0.8 A 0.6 A 0.6 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 600 V rated value  at 24 V rated value  at 60 V rated value  at 60 V rated value  at 60 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A 20 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 110 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A 20 A 20 A 12 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 24 V rated value  at 60 V rated value  at 60 V rated value  at 60 V rated value  at 220 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A 20 A 20 A 12 A 1.6 A
<ul> <li>at 1 current path at DC-1  — at 24 V rated value  — at 60 V rated value  — at 110 V rated value  — at 220 V rated value  — at 440 V rated value  — at 600 V rated value </li> <li>with 2 current paths in series at DC-1  — at 24 V rated value  — at 60 V rated value  — at 110 V rated value  — at 120 V rated value  — at 440 V rated value</li> </ul>	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A
<ul> <li>at 1 current path at DC-1  — at 24 V rated value  — at 60 V rated value  — at 110 V rated value  — at 220 V rated value  — at 440 V rated value  — at 600 V rated value  • with 2 current paths in series at DC-1  — at 24 V rated value  — at 60 V rated value  — at 110 V rated value  — at 110 V rated value  — at 440 V rated value  — at 440 V rated value  — at 600 V rated value</li> </ul>	20 A 2.1 A 0.8 A 0.6 A 0.6 A 20 A 20 A 12 A 1.6 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  with 2 current paths in series at DC-1  at 24 V rated value  at 60 V rated value  at 60 V rated value  at 110 V rated value  at 120 V rated value  at 440 V rated value  at 440 V rated value  at 440 V rated value  at 600 V rated value  with 3 current paths in series at DC-1	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A
<ul> <li>at 1 current path at DC-1  — at 24 V rated value  — at 60 V rated value  — at 110 V rated value  — at 220 V rated value  — at 440 V rated value  — at 600 V rated value  • with 2 current paths in series at DC-1  — at 24 V rated value  — at 60 V rated value  — at 110 V rated value  — at 110 V rated value  — at 220 V rated value  — at 440 V rated value  — at 600 V rated value  — at 600 V rated value  — at 600 V rated value  — at 24 V rated value  • with 3 current paths in series at DC-1  — at 24 V rated value</li> </ul>	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  with 2 current paths in series at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 24 V rated value  at 440 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 24 V rated value  at 24 V rated value  at 24 V rated value  at 60 V rated value  at 60 V rated value  at 60 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 110 V rated value  at 110 V rated value  at 110 V rated value  at 220 V rated value  at 220 V rated value  at 220 V rated value  at 440 V rated value  at 440 V rated value  at 450 V rated value  at 600 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 24 V rated value  at 10 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 220 V rated value  at 600 V rated value  at 220 V rated value  at 600 V rated value  at 600 V rated value  at 220 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A  20 A 20 A 20 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  with 2 current paths in series at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 440 V rated value  at 600 V rated value  at 24 V rated value  at 440 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A  20 A 20 A 20 A 20 A 20 A 20 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  with 2 current paths in series at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 220 V rated value  at 440 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 60 V rated value  at 24 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A  20 A 20 A 20 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 60 V rated value  at 110 V rated value  at 110 V rated value  at 220 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 600 V rated value  at 24 V rated value  at 24 V rated value  at 25 V rated value  at 26 V rated value  at 27 V rated value  at 28 V rated value  at 29 V rated value  at 40 V rated value  at 40 V rated value  at 440 V rated value  at 440 V rated value  at 440 V rated value  at 600 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A  20 A 20 A 21 A 22 A 23 A 24 A 25 A 26 A 27 A 28 A 29 A 29 A 20 A 20 A 20 A 20 A 21 A 21 A 22 A 23 A 24 A 25 A 26 A 27 A 28 A 29 A 20 A 20 A 20 A 20 A 21 A 22 A 23 A 24 A 25 A 26 A 27 A 28 A 28 A 29 A 29 A 20 A 20 A 20 A 20 A 20 A 20 A
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 60 V rated value  at 110 V rated value  at 110 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 24 V rated value  at 24 V rated value  at 60 V rated value  at 600 V rated value  at 440 V rated value  at 600 V rated value  at 1 current path at DC-3 at DC-5  at 24 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A  20 A 20 A 20 A 20 A 20 A 20 A 20 A 2
at 1 current path at DC-1  at 24 V rated value  at 60 V rated value  at 110 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 60 V rated value  at 60 V rated value  at 110 V rated value  at 110 V rated value  at 220 V rated value  at 220 V rated value  at 440 V rated value  at 600 V rated value  at 600 V rated value  at 600 V rated value  at 24 V rated value  at 24 V rated value  at 25 V rated value  at 26 V rated value  at 27 V rated value  at 28 V rated value  at 29 V rated value  at 40 V rated value  at 40 V rated value  at 440 V rated value  at 440 V rated value  at 440 V rated value  at 600 V rated value	20 A 2.1 A 0.8 A 0.6 A 0.6 A  20 A 20 A 12 A 1.6 A 0.8 A 0.7 A  20 A 20 A 21 A 22 A 23 A 24 A 25 A 26 A 27 A 28 A 29 A 29 A 20 A 20 A 20 A 20 A 21 A 21 A 22 A 23 A 24 A 25 A 26 A 27 A 28 A 29 A 20 A 20 A 20 A 20 A 21 A 22 A 23 A 24 A 25 A 26 A 27 A 28 A 28 A 29 A 29 A 20 A 20 A 20 A 20 A 20 A 20 A

with 2 current paths in series at DC-3 at DC-5	
— 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-3	
— at 230 V rated value	2.2 kW
— at 400 V rated value	4 kW
— at 500 V rated value	4 kW
— at 690 V rated value	5.5 kW
• at AC-3e	
— at 230 V rated value	2.2 kW
— at 400 V rated value	4 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 a at 400 V rotad value	2 1/1//
at 400 V rated value	2 kW
at 690 V rated value	2.5 kW
operating apparent power at AC-6a	0.14/4
up to 230 V for current peak value n=20 rated value	2 kVA
up to 400 V for current peak value n=20 rated value	3.6 kVA
up to 500 V for current peak value n=20 rated value	4.6 kVA
• up to 690 V for current peak value n=20 rated value	5.9 kVA
operating apparent power at AC-6a	4.2.1214
• 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     short-time withstand current in cold operating state up to	4 kVA
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
limited to 30 s switching at zero current maximum	66 A; Use minimum cross-section acc. to AC-1 rated value
limited to 60 s switching at zero current maximum	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	
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	0.7
• full-scale value	1.25
design of the surge suppressor	diode
closing power of magnet coil at DC	2.8 W

backward by +/- 22.5° on vertical mounting surface  fastening method		
Second Color	closing delay	
**IDC   38 65 ms   10 15 m	• at DC	25 130 ms
accing time	opening delay	
Control varsion of the switch operating mechanism   Slandard A1 - A2	• at DC	38 65 ms
Aparliany circuit	arcing time	10 15 ms
number of INC contacts for auxiliary contacts instantaneous contact operational current at AC-15  • 21 200 Viriet value • 3 400 Viriet value • 3 690 Viriet value • 4 690 Viriet value • 4 690 Viriet value • 5 690 Viriet value • 5 690 Viriet value • 6 75-phase AC motor • 4 690 Viriet value • 6 75-phase AC motor • 4 690 Viriet value • 6 75-phase AC motor • 4 690 Viriet value • 6 75-phase AC motor • 4 690 Viriet value • 6 75-phase AC motor • 4 690 Viriet value • 6 75-phase AC motor • 4 690 Viriet value • 6 75-phase AC motor • 4 690 Viriet value • 6 75-phase AC motor • 5 75-phase AC motor • 6 75-phase AC motor • 6 75-phase AC motor • 7 75 8p • 7 800 Viriet value • 6 75-phase AC motor • 6 75-phase AC motor • 7 85-ph • 6 75-ph	control version of the switch operating mechanism	Standard A1 - A2
Departational current at AC-12 maximum   10 A   1	Auxiliary circuit	
Operational current at AC-12 maximum		1
Operational current at AC-15     • at 200 V rated value		10 A
• at 230 V rated value	-	
• at 400 V rated value	•	10 A
• at 500 V rated value		
10 A   12 A   7 rated value		
• at 24 V rated value		
• at 48 V rated value 6 A 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6	•	10 A
• at 80 V rated value		
* at 110 V rated value		
* at 125 V rated value		
• at 220 V rated value 0.15 A  • at 600 V rated value 0.15 A  • at 24 V rated value 10 A  • at 48 V rated value 2 A  • at 48 V rated value 2 A  • at 60 V rated value 2 A  • at 125 V rated value 1 A  • at 125 V rated value 2 A  • at 125 V rated value 0.9 A  • at 125 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)  **UCSA ratings**  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value 9 A  **yleided mechanical performance [hp]  • for single-phase AC motor — at 110/120 V rated value 0.33 hp  • at 200 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 3 hp  • at 200/208 V rated value 3 hp  • at 480 V rated value 5 hp  • at 200/208 V rated value 3 hp  • at 480 V rated value 5 hp  • at 576/600 V rated value 5 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  Short-circuit protection of the main circuit — with type of assignment 2 required 6 for short-circuit protection of the main circuit — with type of assignment 2 required 9 Gis 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) agd: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V,80kA) abackward by +/-22.5° on vertical mounting surface, can be tilted forward a backward by +/-22.5° on vertical mounting surface, can be tilted forward a backward by +/-22.5° on vertical mounting surface, can be tilted forward a backward by +/-22.5° on vertical mounting surface, can be tilted forward a backward by +/-22.5° on vertical mounting surface.  • side-by-side mounting 45 mm		
• at 600 V rated value  operational current at DC-13  • at 24 V rated value  • at 48 V rated value  • at 46 V rated value  • at 60 V rated value  • at 110 V rated value  • at 125 V rated value  • at 125 V rated value  • at 220 V rated value  • on tace value		
at 24 V rated value		
• at 24 V rated value 2 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 125 V rated value 0.9 A   • at 125 V rated value 0.3 A   • at 220 V rated value 0.1 A   contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA)    UUCSA ratings  full-load current (FLA) for 3-phase AC motor   • at 480 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 3-phase AC motor   — at 2300 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 3 hp   — at 220/230 V rated value 5 hp   — at 250/500 V rated value 5 hp   — at 4575/600 V rated value 7.5 hp   contact rating of auxiliary contacts according to UL   Short-circuit protection    design of the fuse link   • for short-circuit protection of the main circuit   — with type of coordination 1 required 9G: 20A (690V,100KA), aM: 20A (690V,100KA), BS88: 35A (415V,80KA)   gG: 20A (690V,100KA), aM: 16A (690V, 100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), aM: 16A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 10A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), BS88: 20A (415V,80KA)   gG: 20A (690V,100KA), am: 20A (690V,100KA), B		
	•	10 A
e at 125 V rated value e at 220 V rated value 0.3 A ontact reliability of auxiliary contacts  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor e at 480 V rated value 7.6 A e at 600 V rated value 9 A  yielded mechanical performance [hp] e for single-phase AC motor — at 110/120 V rated value — at 230 V rated value 1 hp e for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value 9 A  2 hp - at 220/230 V rated value 9 a hp e for 3-phase AC motor — at 200/208 V rated value 1 hp e for 3-phase AC motor — at 200/208 V rated value 9 b height 9 for short-circuit protection of the main circuit — with type of coordination 1 required 9 for short-circuit protection of the main circuit 9 gG: 35A (690V,100KA), aM: 20A (690V, 100KA), BS88: 35A (415V,80KA) 9 gG: 10 A (500 V, 1 kA)  Installation' mounting/ dimensions  mounting position  4/-180* rotation possible on vertical mounting surface; can be tilted forward a backward by +/-22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60719 width  45 mm		
at 220 V rated value at 600 V rated value at 600 V rated value contact reliability of auxiliary contacts  I faulty switching per 100 million (17 V, 1 mA)  U/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 before single-phase AC motor - at 110/120 V rated value - at 230 V rated value - at 230 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 460/480 V rated value - at 460/480 V rated value - at 460/480 V rated value - at 575/600 V rated value - at 575/600 V rated value - at 600 / G800  Short-circuit protection  design of the fuse link - for short-circuit protection of the main circuit - with type of assignment 2 required with type of assignment 2 required - for short-circuit protection of the auxiliary switch required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required - with type of assignment 2 required - with type of assignment 2 required - with type of assignment 2 required - side-by-side mounting dimensions  mounting position - with creating mounting dimensions  - with type of assignment 2 required - side-by-side mounting - with type of assignment 2 required - side-by-side mounting - with type of assignment 2 required - side-by-side mounting - with type of assignment 2 required - side-by-side mounting - with type of assignment 2 required - side-by-side mounting - with yield assignment 2 required - side-by-side mounting - with yield assignment 2 required - side-by-side mounting - with yield assignment 2 required - side-by-side mounting - with yield assignment 2 required - side-by-side mounting - with yield assignment 2 required - side-by-side mounting - with yield assignment 2 require		
• at 600 V rated value  contact reliability of auxiliary contacts  1 faulty switching per 100 million (17 V, 1 mA)  UUCSA 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  9 A  yielded mechanical performance [hp]  • for single-phase AC motor  — at 110/120 V rated value  • for 3-phase AC motor  — at 220/230 V rated value  • at 220/230 V rated value  — at 220/230 V rated value  — at 460/480 V rated value  — at 575/600 V rated value  — at 575/600 V rated value  — with type of coordination 1 required  — with type of coordination 1 required  • for short-circuit protection of the main circuit  — with type of assignment 2 required  • for short-circuit protection for the auxiliary switch required  • for short-circuit protection for the auxiliary switch required  • for short-circuit protection for the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • side-by-side mounting  • side-by-side mounting  • side-by-side mounting  • side-by-side mounting		
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  • at 600 V rated value  9 A  yielded mechanical performance (hp)  • for single-phase AC motor  — at 110/120 V rated value  1 hp  • for 3-phase AC motor  — at 220/208 V rated value  • for 3-phase AC motor  — at 220/230 V rated value  — at 220/230 V rated value  — at 460/480 V rated value  — at 460/480 V rated value  — at 575/600 V rated value  — with type of coordination 1 required  — with type of coordination 1 required  • for short-circuit protection of the main circuit  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  1 faulty switching per 100 million (17 V, 1 mA)  7.6 A  A  A  A  A  A  A  A  A  A  A  A  A		
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  9 A  yielded mechanical performance [hp]  • for single-phase AC motor  — at 110/120 V rated value  • for 3-phase AC motor  — at 230 V rated value  • for 3-phase AC motor  — at 200/208 V rated value  • for 3-phase AC motor  — at 200/208 V rated value  • for 3-phase AC motor  — at 200/208 V rated value  • at 460/480 V rated value  — at 460/480 V rated value  — at 4575/600 V rated value  — at 575/600 V rated value  — to value  — with type of coordination 1 required — with type of coordination 1 required — with type of assignment 2 required  — of or short-circuit protection of the main circuit  — with type of assignment 2 required — of or short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • side-by-side mounting to the total mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22		
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value 9 A  yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 9 (at 10/120 V rated value 1 hp • for 3-phase AC motor — at 200/208 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 460/480 V rated value 3 hp — at 575/600 V rated value 5 hp — at 575/600 V rated value 7.5 hp  contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required 9 G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) 9 G: 30A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,80kA) 9 G: 10 A (500 V, 1 kA)  Installation/ mounting/ dimensions  mounting position  4/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be filted forward a backward by +/- 22.5° on vertical mounting surface; can be filted forward a screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60718 Yes  height 70 mm	· · · · · · · · · · · · · · · · · · ·	, and the second
at 480 V rated value at 600 V rated value  yielded mechanical performance [hp]  for single-phase AC motor  — at 110/120 V rated value — at 230 V rated value — at 2200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — with type of coordination 1 required — with type of coordination 1 required — with type of assignment 2 required — of or short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions  mounting position  at 480 V rated value  7.6 A  9 A  9 A  9 A  9 A  9 A  9 A  9 A		
int 600 V rated value     juileded mechanical performance [hp]     interest of single-phase AC motor		7 6 A
yielded mechanical performance [hp]  • for single-phase AC motor  — at 110/120 V rated value — 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  Short-circuit protection  design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 2 required 9G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) 9 for short-circuit protection of the auxiliary switch required 9G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) 9 for short-circuit protection of the auxiliary switch required 9G: 10 A (500 V, 1 kA)  Installation/mounting/dimensions  mounting position  +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface; can be tilted forward a backward by +/- 22		
• for single-phase AC motor  — at 110/120 V rated value — 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 5 hp  contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required 9G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) • for short-circuit protection of the auxiliary switch required 9G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required 9G: 10 A (500 V, 1 kA)  Installation/ mounting/ dimensions  mounting position  +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60719 • side-by-side mounting  width  vidth		•
- at 110/120 V rated value - at 230 V rated value - at 230 V rated value - at 200/208 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 460/480 V rated value - at 575/600 V rated value - at 600/4600  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 - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required - for short-circuit protection of the auxiliary switch required - stallation/ mounting/ dimensions  mounting position - yes - fastening method - side-by-side mounting - ves - fastening method - side-by-side mounting - ves - fastening method - side-by-side mounting - yes - height - at 200/208 V rated value - 2 hp - 4 hp - 4 600 / Q600 - 3 5 hp - 4 600 / Q600 - 3 5 hp - 4 600 / Q600 - 3 5 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - gG: 20A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 20A (415V, 80kA) - yes - 3 5 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - yes - 3 5 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - yes - 3 5 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - yes - 3 6 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - yes - 3 6 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - yes - 3 6 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - yes - 3 6 A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - yes - 3 6 A (690V,		
- at 230 V rated value  • for 3-phase AC motor  - at 200/208 V rated value  - at 220/230 V rated value  - at 460/480 V rated value  - at 575/600 V rated value  - at 60/480 V rated value  - at 220/230 V rated value  - at 60/480 V rated value  - at 60/480 V rated value  - at 60/480 V rated value  - at 220/230 V rated value  - at 60/480 V rated val	- 1	0.33 hp
• for 3-phase AC motor  — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 600/4000 — side 500 V rated value — at 600/4000 — side 500 V rated value — at 600/4000 — side 500 V rated value — at 600/4000 — side 500 V rated value — at 600/4000 — at 575/600 V rated value — at 600/4000 — side 500 V rated value — at 600 V rated value — a		·
- 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		
- at 220/230 V rated value - at 460/480 V rated value - at 575/600 V rated value  contact rating of auxiliary contacts according to UL  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  • for short-circuit protection of the auxiliary switch required  of short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required    For short-circuit protection of the auxiliary switch required	·	2 hp
- at 460/480 V rated value - at 575/600 V rated value 7.5 hp  contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link  • for short-circuit protection of the main circuit  - with type of coordination 1 required • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  sfc: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)  - with type of assignment 2 required • 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 a backward by +/- 22.5° on vertical mounting surface  fastening method • side-by-side mounting  yes  height  70 mm  45 mm		·
- at 575/600 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • 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 a backward by +/- 22.5° on vertical mounting surface  fastening method  • side-by-side mounting  Yes  height  70 mm  width		
contact rating of auxiliary contacts according to UL  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  • for short-circuit protection of the auxiliary switch required  gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)  gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)  gG: 10 A (500 V, 1 kA)  Installation/ mounting/ dimensions  mounting position  +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface  fastening method • side-by-side mounting  • side-by-side mounting  Yes  height  70 mm		
design of the fuse link		
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 — with type of assignment 2 required — 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 a backward by +/- 22.5° on vertical mounting surface  fastening method — side-by-side mounting  height  #/ omm  width  #/ omm  #/		
<ul> <li>for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         — with type of assignment 2 required         — for short-circuit protection of the auxiliary switch 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)         — with type of assignment 2 required         — gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         — gG: 10 A (500 V, 1 kA)         — with type of assignment 2 required         — with type of assignment 2 required         — gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)         — gG: 10 A (500 V, 1 kA)         — with type of assignment 2 required         — with type</li></ul>		
- with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions    For short-circuit protection of the auxiliary switch required   gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)	_	
— with type of assignment 2 required  of or short-circuit protection of the auxiliary switch required  of or short-circuit protection of the auxiliary switch required  gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)  gG: 10 A (500 V, 1 kA)  Installation/ mounting/ dimensions  #/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface  fastening method  of side-by-side mounting  Yes  height  70 mm  width	·	gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V.80kA)
for short-circuit protection of the auxiliary switch required    Installation/ mounting/ dimensions		
Installation/ mounting/ dimensions  mounting position  +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface  fastening method • side-by-side mounting  Yes  height  70 mm  width  45 mm		
mounting position  +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface  fastening method  ■ side-by-side mounting  Yes  height  70 mm  width	<u> </u>	
fastening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         ● side-by-side mounting       Yes         height       70 mm         width       45 mm		+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
● side-by-side mounting  Peight  70 mm  width  45 mm	fastening method	
height 70 mm width 45 mm	-	
width 45 mm	·	
	-	
7.1 HHI	depth	73 mm
required spacing		

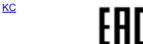
W	
with side-by-side mounting	40
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
<ul> <li>for grounded parts</li> </ul>	
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
<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 for main contacts	
• 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 mm²)
finely stranded without core end processing	2x (0.5 2.5 mm²)
connectable conductor cross-section for main contacts	
• solid	0.5 4 mm²
<ul> <li>stranded</li> </ul>	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm²
finely stranded without core end processing	0.5 2.5 mm²
connectable conductor cross-section for auxiliary contacts	
• solid or stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm²
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 4 mm²)
finely stranded with core end processing	2x (0.5 2.5 mm²)
— finely stranded without core end processing	2x (0.5 2.5 mm²)
for AWG cables for auxiliary contacts	2x (20 12)
AWG number as coded connectable conductor cross	ZA (20 12)
section	
• for main contacts	20 12
for auxiliary contacts	20 12
Safety related data	
product function	
mirror contact according to IEC 60947-4-1	Yes
B10 value with high demand rate according to SN 31920	1 000 000
proportion of dangerous failures	
with low demand rate according to SN 31920	40 %
with high demand rate according to SN 31920	73 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
T1 value for proof test interval or service life according to IEC	20 a
61508	
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	
<ul> <li>safety-related switching OFF</li> </ul>	Yes
Certificates/ approvals	
General Product Approval	





Confirmation





|--|



Type Examination Cer**tificate** 





Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>

## Marine / Shipping













Marine / Shipping other Railway **Dangerous Good Environment** 



Confirmation



Vibration and Shock

**Transport Information** 

Environmental Con**firmations** 

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

Industry Mall (Online ordering system)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2016-2\underline{JB42}$ 

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2016-2JB42

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

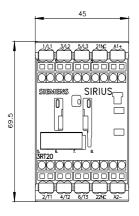
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2016-2JB42&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2016-2JB42&lang=en</a>

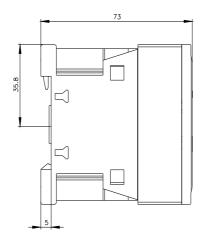
Characteristic: Tripping characteristics, I2t, Let-through current

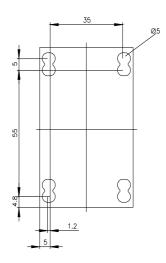
https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-2JB42/char

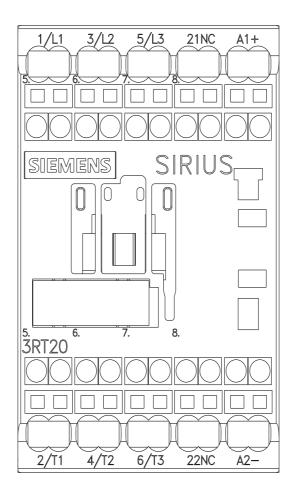
Further characteristics (e.g. electrical endurance, switching frequency)

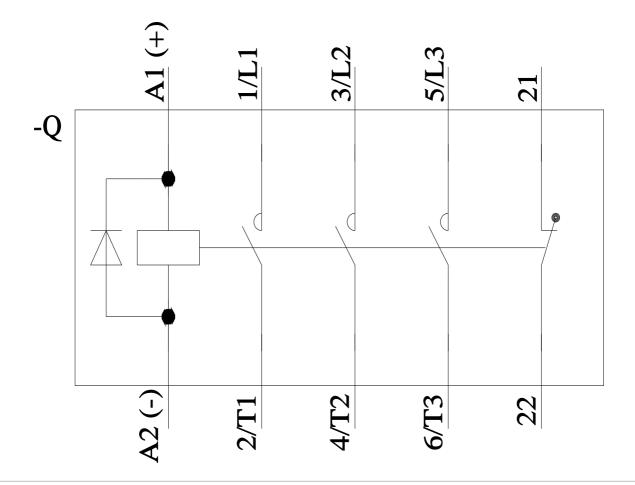
3RT2016-2JB42&objecttype=14&gridview=view1











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