## SIEMENS

## Data sheet

## 3RT2017-2AB01-1AA0-Z X95



power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 24 V AC, 50/60 Hz, auxiliary contacts: 1 NO, spring-loaded terminal, size: S00, upright mounting position, reusable packaging, pack = 120 units

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	\$00
product extension	
function module for communication	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
at AC in hot operating state	1.5 W
at AC in hot operating state per pole	0.5 W
without load current share typical	1.5 W
type of calculation of power loss depending on pole	quadratic
surge voltage resistance	
of main circuit rated value	6 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at AC	7,3g / 5 ms, 4,7g / 10 ms
shock resistance with sine pulse	
• at AC	11,4g / 5 ms, 7,3g / 10 ms
mechanical service life (operating cycles)	
<ul> <li>of contactor typical</li> </ul>	30 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Weight	0.254 kg
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 %
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	39.6 kg

alphal warming notantial (CO2 and during many facturing	1 19 kg
global warming potential [CO2 eq] during manufacturing	1.18 kg
global warming potential [CO2 eq] during operation global warming potential [CO2 eq] after end of life	38.5 kg -0.155 kg
Main circuit	-0.100 kg
	3
number of poles for main current circuit number of NO contacts for main contacts	3 3
number of NC contacts for main contacts	0
	0
<ul> <li>operating voltage</li> <li>at AC-3 rated value maximum</li> </ul>	690 V
at AC-3 rated value maximum	690 V
operational current	
at AC-1 at 400 V at ambient temperature 40 °C rated	22 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	22 A
— up to 690 V at ambient temperature 60 °C rated value	20 A
• at AC-3	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	12 A
- at 500 V rated value	9.2 A
- at 690 V rated value	6.7 A
at AC-4 at 400 V rated value	8.5 A
• at AC-5a up to 690 V rated value	19.4 A
• at AC-5b up to 400 V rated value	9.9 A
• at AC-6a	7.2.4
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	7.2 A 7.2 A
— up to 500 V for current peak value n=20 rated value	7.2 A
— up to 500 V for current peak value n=20 rated value — up to 690 V for current peak value n=20 rated value	6.7 A
at AC-6a	
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	4.8 A
— up to 400 V for current peak value n=30 rated value	4.8 A
— up to 500 V for current peak value n=30 rated value	4.8 A
— up to 690 V for current peak value n=30 rated value	4.8 A
minimum cross-section in main circuit at maximum AC-1 rated value	4 mm <sup>2</sup>
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	4.1 A
• at 690 V rated value	3.3 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	2.1 A
— at 220 V rated value	0.8 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	12 A
— at 220 V rated value	1.6 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.7 A
with 3 current paths in series at DC-1	00 A
— at 24 V rated value	20 A

— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	20 A
— at 440 V rated value	1.3 A
— at 600 V rated value	1 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	0.5 A
— at 110 V rated value	0.15 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 110 V rated value	0.35 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	1.5 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.2 A
operating power	
at AC-2 at 400 V rated value	5.5 kW
• at AC-3	
— at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
• at AC-3e	5.5 KW
	2 1/1/
- at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
operating power for approx. 200000 operating cycles at AC- 4	
<ul> <li>at 400 V rated value</li> </ul>	2 kW
at 690 V rated value	2.5 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	2.8 kVA
• up to 400 V for current peak value n=20 rated value	4.9 kVA
• up to 500 V for current peak value n=20 rated value	6.2 kVA
• up to 690 V for current peak value n=20 rated value	8 kVA
operating apparent power at AC-6a	
up to 230 V for current peak value n=30 rated value	1.9 kVA
• up to 400 V for current peak value n=30 rated value	3.3 kVA
up to 500 V for current peak value n=30 rated value	4.1 kVA
• up to 690 V for current peak value n=30 rated value	5.7 kVA
short-time withstand current in cold operating state up to	
40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	200 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	123 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	96 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	74 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	61 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	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
	200 1/11

Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz rated value	24 V
at 60 Hz rated value	24 V
operating range factor control supply voltage rated value of	
magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	37 VA
• at 60 Hz	33 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.8
• at 60 Hz	0.75
apparent holding power of magnet coil at AC	
• at 50 Hz	5.7 VA
• at 60 Hz	4.4 VA
inductive power factor with the holding power of the coil	
at 50 Hz	0.25
• at 60 Hz	0.25
closing delay	0.05
• at AC	9 35 ms
opening delay	
• at AC	4 15 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	0
number of NO contacts for auxiliary contacts instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	10 A
at 400 V rated value	3 A
at 500 V rated value	2 A
at 600 V rated value	1A
operational current at DC-12	
• at 24 V rated value	10 A
at 24 V rated value     at 48 V rated value	6 A
at 60 V rated value	6 A
at 110 V rated value	3 A
at 125 V rated value	2 A
at 220 V rated value	1 A
at 600 V rated value	0.15 A
operational current at DC-13	
• at 24 V rated value	10 A
• at 48 V rated value	2 A
• at 60 V rated value	2 A
• at 110 V rated value	1 A
• at 125 V rated value	0.9 A
• at 220 V rated value	0.3 A
	0.1 A
<ul> <li>at 600 V rated value</li> </ul>	
at 600 V rated value contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
contact reliability of auxiliary contacts UL/CSA ratings	1 faulty switching per 100 million (17 V, 1 mA)
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor	
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	11 A
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value	
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	11 A

	at 110/120 V rated value	0.5 hp
	— at 110/120 V rated value	
		2 np
contact rating of auxiliary contacts according to UL         A600 / 6600           Short-duruit protection         Characteristic: 10 A, 0.4 kA           design of the initiature circuit breaker for short-duruit protection         C characteristic: 10 A, 0.4 kA           design of the test ink         -           - with type of accillation of the main duruit         -           - with type of accillation required         -           - with type of accillation required         -           - of short-circuit protection of the main duruit         -           - with type of accillation required         -           - of short-circuit protection of the auxiliary subth required         -           - for control protection of the auxiliary subth required         -           - for control protection of the auxiliary subth required         -           - for control protection of the auxiliary subth required         -           - for control protection of the auxiliary subth required         -           - for control subth of sold mounting         -           - for control protection of the auxiliary subth required         -           - for control subth of sold mounting         -           - for control subth of sold mounting         -           - for control subth sold         -           - for control subth sold         - <td></td> <td>•</td>		•
State:         C dranket:           of the auxiliary drautity to 230 V         C dranket:           design of the fixes ink         - for short-struit protection of the main circuit           - with type of coordination 1 required         gc: 50A (680V,100KA), a.M. 20A (680V,100KA), BS88: 35A (415V,80KA)           - with type of coordination 1 required         gc: 50A (680V,100KA), a.M. 20A (680V,100KA), BS88: 35A (415V,80KA)           - with type of coordination 1 required         gc: 50A (680V,100KA), a.M. 15A (15V,80KA)           - with type of coordination 1 required         gc: 50A (680V,100KA), a.M. 20A (15V,80KA)           - with type of coordination 1 required         gc: 70A (880V,100KA), a.M. 20A (15V,80KA)           - with type of coordination 1 required         gc: 70A (880V,100KA), a.M. 20A (15V,80KA)           - with the dide by side mounting         Yes           Fastering method         screw and snap-on mounting surface           - with add-by-side mounting         - Sorte add add add add add add add add add ad		
design of the ministure could breaker for short-circuit protection of the sociality (or 10, 10, 20, 20, 40, 40, 40, 40, 40, 40, 40, 40, 40, 4		A600 / Q600
of the audiany circuit up 0 230 V       design of the lose link       - for short-circuit protection of the main circuit.       - with type of assignment 2 required       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g6: 50A (690V, 100KA), adk 20A (690V, 100KA), BSB8: 35A (415V, 200KA)       g7     montify       festering method     50A (690V, 100KA), BSB8: 35A (415V, 200KA)       g7     montify       <		
for short-circuit protection of the main circuit        with type of assignment 2 required         gc. 50A (680V.100kA), abf. 20A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (680V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (680V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (680V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (680V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (680V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (680V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,100kA), abf. 16A (580V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,10kA), abf. 16A (580V,100kA), BS8b: 35A (415V,80kA)         gc. 50A (580V,10kA), abf. 15A (580V,100kA), abf. 15A (500V,10kA), BS8b: 35A (415V,80kA)         gc. 15A (500V,10kA), abf. 15A (500V,10kA), BS8b: 35A (415V,80kA)         gc. 15A (500V,10kA), abf. 15A (500V,10kA), BS8b: 35A (415V,80kA)         gc. 15A (500V,10kA), abf. 15A (500V,10kA), BS8b: 35A (415V,80kA)         gc. 15A (500V,10kA), abf. 15A (500V,10kA), abf. 15	of the auxiliary circuit up to 230 V	C characteristic: 10 A; 0.4 kA
- with type of assignment 2 required - with type of assignment 2 required 96: 50A (690V, 100kA), AK 20A (690V, 100kA), BS8: 25A (415V, 80kA) 96: 20A (690V, 100kA), AK 20A (690V, 100kA), BS8: 20A (415V, 80kA) 97 <b>Institution incurting dimensions</b> <b>Institution incurting dimensi</b>	-	
- with type of assignment 2: equired of or short-icruit protection of the auxiliary switch required get: 0.A (560V, 10AA), A8: 16A (690V, 100AA), BS88: 20A (415V, 60AA) get: 0.A (560V, 11AA) Testinating functionally dimensional standing, on horizontal mounting surface fastening method fastening method fastening method height witch depth - forwards - forwards - downwards - downwa		
• for short-crucul protection of the auxiliary switch required         g6: 10 A (500 V, 1 kA)           Installation/ mounting dimensions         standing, on horizontal mounting surface           fastening method adde-by-side mounting         Yes           fastening method         sore and snap on mounting onto 35 mm DIN rail according to DIN EN 60715           height         70 mm           width         45 mm           depth         73 mm           required spacing         73 mm           • with side-by-side mounting         73 mm           - upwards         10 mm           - upwards         10 mm           - upwards         10 mm           - downwards         10 mm           - downwards         10 mm           - upwards         10 mm           - downwards         1		
Installation/mounting / dimensions         standing, on horizontal mounting surface           mounting position         standing, on horizontal mounting surface           fastering method         screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715           height         70 mm           width         45 mm           depth         73 mm           required spacing         *           • with side-by-side mounting         -           - forwards         10 mm           - downwards         10 mm           - downward		
mounting position         standing, on horizontal mounting surface           fastering method         Serve and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715           height         70 mm           width         46 mm           doptin         73 mm           required spacing         73 mm           • with sic-by-side mounting         73 mm           - forwards         10 mm           - upwards         10 mm           - upwards         10 mm           - downwards         10 mm           - downwards         10 mm           - upwards         10 mm           - forwards         10 mm           - upwards         10 mm           - upwards         10 mm           - upwards         10 mm           - forwards         10 mm           - downwards         10 mm           - downwards         10 mm           - for live parts         10 mm           - for auxilary and control circuit         spring-loaded terminals           - for auxilary and control circuit         spring-loaded terminals           • for main contracts         Spring-type terminals           / type of electrical connection         spring-type terminals           <		gG: 10 A (500 V, 1 kA)
fastening method side-by-side mounting     Yes       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     70 mm       width     45 mm       depth     73 mm       required spacing     10 mm       - downwards     10 mm       - of adating and control circuit     spring-loaded terminals       spring-loaded terminals     spring-loaded terminals	Installation/ mounting/ dimensions	
festening method       screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       70 mm         depth       73 mm         required spacing       73 mm         • with hide-by-side mounting       73 mm         - forwards       10 mm         - downwards       10 mm         - orbid coronal circuit       spring-loaded terminals         storatobro for auxiliary co	mounting position	standing, on horizontal mounting surface
height     70 mm       widn     45 mm       depth     73 mm       required spacing     73 mm       - forwards     10 mm       - upwards     10 mm       - downwards     00 mm       - downwards     00 mm       - downwards     00 mm       - downwards     10 mm       - downwards     00 mm       - downwards     10 mm       - downwards     10 mm       - upwards     10 mm       - upwards     10 mm       - forwards     10 mm       - forwards     10 mm       - downwards     10 mm	fastening method side-by-side mounting	
width         45 mm           depth         73 mm           required spacing         73 mm           - covards         10 mm           - govards         10 mm           - downwards         10 mm           - forwards         10 mm           - upwards         10 mm           - forwards         10 mm           - drawards         10 mm           - downwards         10 mm           - of oral nournet circuit         spring-loaded terminals           • for main current circuit         spring-loaded terminals           • of magnet col         Spring-lype terminals <td>fastening method</td> <td>screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715</td>	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
depth     73 mm       required spacing     73 mm       • with side b-yside mounting     10 mm       - uywards     10 mm       - uywards     10 mm       - downwards     10 mm       - downwards     10 mm       - at the side     0 mm       - for grounded parts     10 mm       - uywards     10 mm       - uywards     10 mm       - downwards     10 mm       - for	height	70 mm
required spacing         • with side-by-side mounting         forwards       10 mm         upwards       10 mm         downwards       10 mm         downwards       10 mm         downwards       10 mm         downwards       10 mm         forwards       10 mm         upwards       10 mm         upwards       10 mm         at the side       6 mm         downwards       10 mm         ototal circuit       spring-loaded terminals         foreals conductor cross-sections <t< td=""><td>width</td><td>45 mm</td></t<>	width	45 mm
• with side-by-side mounting       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       0 mm         - at the side       0 mm         - forwards       10 mm         - at the side       0 mm         - upwards       10 mm         - upwards       10 mm         - upwards       10 mm         - downwards       10 mm         <	depth	73 mm
	required spacing	
upwards10 mmdownwards0 mmat the side0 mmor grounded parts0 mmforwards10 mmupwards10 mmupwards0 mmupwards10 mmupwards10 mmdownwards10 mmdownwards10 mmdownwards10 mmdownwards10 mmupwards10 mmupwards10 mmdownwards10 mmdownwards10 mmdownwards10 mmdownwards10 mmdownwards5 mmdownwards5 mmdownwards5 mmdownwards5 mmdownwards5 mmdownwards5 mmdownwards5 pring-loaded terminalsdownwards5 pring-loaded terminalsdownwards2 (0 5 4 mm <sup>2</sup> )finely stranded with ocre end processing2 (0 5 2 f mm <sup>2</sup> )finely stranded with ocre end processing2 (0 5 4 mm <sup>2</sup> )finely stranded with ocre end processing0 5 2 f mm <sup>2</sup> finely stranded with ocre end processing0 5 2 f mm <sup>2</sup> finely stranded with ocre end processing0 5 2 f mm <sup>2</sup> <	<ul> <li>with side-by-side mounting</li> </ul>	
- downwards10 mm $-$ at the side0 mm $-$ for varids0 mm $-$ forwards10 mm $-$ upwards0 mm $-$ upwards10 mm $-$ at the side6 mm $-$ downwards10 mm $-$ downwards10 mm $-$ downwards10 mm $-$ downwards10 mm $-$ forwards10 mm $-$ downwards10 mm $-$ downardsSpring-loaded terminals $-$ for downchol circuitspri	— forwards	10 mm
at the side     0 mm       • for grounded parts     forwards       forwards     10 mm       upwards     10 mm       at the side     6 mm       at the side     6 mm       downwards     10 mm       forwards     10 mm       forwards     10 mm       forwards     10 mm       upwards     10 mm       upwards     10 mm       upwards     10 mm       at the side     6 mm       Connections/Terminals     6 mm       Connections/Terminals     5 pring-loaded terminals       • for ani current circuit     spring-loaded terminals       • of main current circuit     spring-loaded terminals       • of main contacts     Spring-lype terminals       • of of adject coll     Spring-lype terminals       • of or ani contacts     Spring-lype terminals       • of of adject coll     Spring-lype terminals       • of of adject coll     Spring-lype terminals       • of or adject coll     Spring-lype terminals       • of ondi contacts     2x (0.5 4 mm²)       - solid     2x (0.5 2.5 mm²)       - finely stranded with out core end processing     2x (2.5 2.5 mm²       • solid     0.5 4 mm²       • solid     0.5	— upwards	10 mm
• for grounded parts0- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- forwards10 mm- upwards10 mm- downwards6 mm- downwards6 mm- downwards6 mm- at the side6 mm- at the side6 mm- at the side5 mmain current circuitspring-loaded terminalsspring-loaded terminals• for axiliary and control circuitspring-loaded terminals• of magnet coilSpring-loaded terminals• of magnet coil2x (0.5 4 mm²)- solid or stranded2x (0.5 2.5 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)• for AWC cables for main contacts2x (20 2.5 mm²)• finely stranded with core end processing0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing2.5 2.5 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded witho	— downwards	10 mm
	— at the side	0 mm
upwards10 mm at the side6 mm downwards10 mm downwards10 mm forwards10 mm upwards10 mm downwards10 mm at the side6 mmConnections/ Terminalstype of electrical connection for main current circuitspring-loaded terminalsof main current circuit for main current circuitspring-loaded terminals for magnet coilSpring-type terminals solid2x (0.5 4 mm²) solid or stranded2x (0.5 4 mm²) solid or stranded withcut core end processing2x (20 12)connectable conductor cross-section for main contacts solid or stranded0.5 4 mm² finely stranded without core end processing0.5 2.5 mm² solid or stranded0.5 4 mm² finely stranded without core end processing0.5 2.5 mm² <td< td=""><td><ul> <li>for grounded parts</li> </ul></td><td></td></td<>	<ul> <li>for grounded parts</li> </ul>	
at the side       6 mm         downwards       10 mm         forwards       10 mm         forwards       10 mm         upwards       10 mm         downwards       10 mm         downwards       10 mm         downwards       10 mm         downwards       10 mm         at the side       6 mm         Connections/Terminals         type of electrical connection         • for main current circuit       spring-loaded terminals         • for main current circuit       spring-loaded terminals         • of magnet coil       Spring-type terminals         • of main contacts       Spring-type terminals         • of main contacts       Spring-type terminals         • for main contacts       Spring-type terminals         • for main contacts       2x (0.5 4 mm²)         - finely stranded with core end processing       2x (0.5 2.5 mm²)         • finely stranded with core end processing       2x (20 12)          2x (20 12)         • solid       0.5 4 mm²         • solid       0.5 4 mm²         • solid       0.5 4 mm²	— forwards	10 mm
downwards       10 mm         • for live parts       -         forwards       10 mm         upwards       10 mm         downwards       10 mm         downwards       10 mm         at the side       6 mm         Connections/Terminals       5 mm         type of electrical connection       5 pring-loaded terminals         • for main current circuit       spring-loaded terminals         • for main current circuit       spring-loaded terminals         • of magnet coil       Spring-type terminals         • of magnet coil       Spring-type terminals         • of main contacts       Spring-type terminals         • of stranded       2x (0.5 4 mm²)         - finely stranded with core end processing       2x (0.5 2.5 mm²)         • for AWG cables for main contacts       2x (20 12)         connectable conductor cross-section for main contacts       2x (20 12)         connectable conductor cross-section for auxiliary contacts       2x (20 2.5 mm²)         • finely stranded with core end processing       0.5 2.5 mm²         • solid       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²	— upwards	10 mm
<ul> <li>for live parts</li> <li>for wards</li> <li>for wards</li> <li>upwards</li> <li>0 mm</li> <li>downwards</li> <li>0 mm</li> <li>downwards</li> <li>0 mm</li> <li>at the side</li> <li>6 mm</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>for main current circuit</li> <li>spring-loaded terminals</li> <li>of main current circuit</li> <li>spring-loaded terminals</li> <li>of main current circuit</li> <li>spring-loaded terminals</li> <li>of contactor for auxiliary contacts</li> <li>Spring-type terminals</li> <li>of magnet coll</li> <li>spring-type terminals</li> <li>the solid</li> <li>subid or stranded</li> <li>the systemated with core end processing</li> <li>the systemated with core end processing</li> <li>the systemated with core end processing</li> <li>the systemated with core e</li></ul>	— at the side	6 mm
- forwards10 mm- upwards10 mm- downwards10 mm- downwards10 mm- at the side6 mmConnections/Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• of main contractsSpring-type terminals• of main contactsSpring-type terminals• of main contactsSpring-type terminals• of solid2x (0.5 4 mm²)- solid or stranded2x (0.5 4 mm²)- finely stranded with core end processing2x (0.5 4 mm²)• for AWG cables for main contacts2x (0.5 4 mm²)• finely stranded with core end processing2x (0.5 4 mm²)• finely stranded with core end processing2x (0.5 4 mm²)• solid0.5 4 mm²• for AWG cables for main contacts2x (0.5 4 mm²)• finely stranded with core end processing0.5 4 mm²• solid0.5 2.5 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 m	— downwards	10 mm
- upwards10 mm- downwards0 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet collSpring-type terminals• of magnet collSpring-type terminals• of main contractsSpring-type terminals• of main contactsSpring-type terminals• of main contactsSpring-type terminals• a solid or stranded2x (0.5 4 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)• for AWG cables for main contacts2x (0.5 4 mm²)• finely stranded with core end processing2x (0.5 4 mm²)• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing2x (0.5 2.5 mm²)• solid0.5 4 mm²• solid or tranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2	<ul> <li>for live parts</li> </ul>	
- downwards     10 mm       - at the side     6 mm       Connections/ Terminals       type of electrical connection       • for main current circuit     spring-loaded terminals       • for auxiliary and control circuit     spring-loaded terminals       • at contactor for auxiliary contacts     Spring-type terminals       • of magnet coil     Spring-type terminals       • of main contacts     Spring-type terminals       • for down core and processing     2x (0.5 4 mm <sup>2</sup> )       - solid or stranded     2x (0.5 4 mm <sup>2</sup> )       - finely stranded without core end processing     2x (20 12)       connectable conductor cross-section for main contacts       • solid     0.5 4 mm <sup>2</sup> • solid     0.5 4 mm <sup>2</sup> • solid     0.5 4 mm <sup>2</sup> • solid or stranded with core end processing     0.5 2.5 mm <sup>2</sup> • finely stranded with core end processing     0.5 2.5 mm <sup>2</sup> • solid or stranded     0.5 2.5 mm <sup>2</sup> • solid or stranded     0.5 2.5 mm <sup>2</sup>	— forwards	10 mm
at the side       6 mm         Connections/ Terminals         type of electrical connection       spring-loaded terminals         • for main current circuit       spring-loaded terminals         • at contactor for auxiliary contacts       Spring-type terminals         • at contactor for auxiliary contacts       Spring-type terminals         • of magnet coil       Spring-type terminals         type of connectable conductor cross-sections       - solid         - solid       2x (0.5 4 mm²)         - solid or stranded       2x (0.5 4 mm²)         - finely stranded with core end processing       2x (0.5 4 mm²         • for AWG cables for main contacts       2x (0.5 4 mm²         • solid       0.5 2.5 mm²         • solid or stranded with core end processing       0.5 2.5 mm²         • solid       0.5 4 mm²         • solid       0.5 4 mm²         • solid       0.5 2.5 mm²         • solid or stranded with core end processing       0.5 2.5 mm²         • solid or stranded	— upwards	10 mm
Connections/Terminals         type of electrical connection         • for main current circuit       spring-loaded terminals         • to rauxiliary and control circuit       spring-loaded terminals         • at contactor for auxiliary contacts       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)         - finely stranded with core end processing       2x (0.5 2.5 mm²)         - finely stranded without core end processing       2x (0.5 4 mm²)         - finely stranded without core end processing       2x (0.5 2.5 mm²)         • for AWG cables for main contacts       2x (20 12)         connectable conductor cross-section for main contacts       -         • solid       0.5 4 mm²         • stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 4 mm² <td< td=""><td>— downwards</td><td>10 mm</td></td<>	— downwards	10 mm
type of electrical connection       spring-loaded terminals         • for main current circuit       spring-loaded terminals         • for auxiliary and control circuit       spring-loaded terminals         • at contactor for auxiliary contacts       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)         - finely stranded with core end processing       2x (0.5 4 mm²)         - finely stranded with core end processing       2x (0.5 4 mm²)         • for AWG cables for main contacts       2x (20 12)         connectable conductor cross-section for main contacts       2x (20 12)         connectable conductor cross-section for main contacts       0.5 2.5 mm²         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid       0.5 2.5 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • so	— at the side	6 mm
• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• for main contacts solid2x (0.5 4 mm²)- solid or stranded2x (0.5 4 mm²)- finely stranded with core end processing2x (0.5 25 mm²)• for AWG cables for main contacts2x (0.2 25 mm²)• for AWG cables for main contacts2x (0.5 4 mm²)• solid0.5 4 mm²• finely stranded with core end processing2x (0.5 4 mm²)• finely stranded with core end processing2x (0.5 4 mm²)• finely stranded with core end processing0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 2.5 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 4 mm²• solid or stranded with core end processing0.5 4 mm²• solid or stranded with core end processing0.5	Connections/ Terminals	
• for auxiliary and control circuitstring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sections• for main contacts- solid- solid or stranded2x (0.5 4 mm²)- solid or stranded with core end processing2x (0.5 4 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)• for AWG cables for main contacts2x (20 12)connectable conductor cross-section for main contacts0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing2x (20 12)connectable conductor cross-section for main contacts0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²	type of electrical connection	
• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sections• for main contacts- solid2x (0.5 4 mm²)- solid or stranded2x (0.5 4 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)- finely stranded without core end processing2x (20 12)connectable conductor cross-section for main contacts• solid0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²	<ul> <li>for main current circuit</li> </ul>	spring-loaded terminals
• of magnet coilSpring-type terminalstype of connectable conductor cross-sectionsSpring-type terminals• for main contacts- solid- solid or stranded2x (0.5 4 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)- finely stranded without core end processing2x (0.5 2.5 mm²)• for AWG cables for main contacts2x (0.5 4 mm²)• solid0.5 4 mm²• solid0.5 2.5 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 2.5 mm²• stranded0.5 2.5 mm²• stranded with core end processing0.5 2.5 mm²• solid or stranded without core end processing0.5 2.5 mm²• solid or stranded without core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²	<ul> <li>for auxiliary and control circuit</li> </ul>	spring-loaded terminals
type of connectable conductor cross-sections• for main contacts- solid- solid or stranded2x (0.5 4 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)- finely stranded without core end processing2x (0.5 2.5 mm²)• for AWG cables for main contacts• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid0.5 4 mm²• solid or stranded0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²	<ul> <li>at contactor for auxiliary contacts</li> </ul>	Spring-type terminals
• for main contacts- solid2x (0.5 4 mm²)- solid or stranded2x (0,5 4 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)- finely stranded without core end processing2x (0.5 2.5 mm²)- finely stranded without core end processing2x (20 12)connectable conductor cross-section for main contacts2x (20 12)• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• solid0.5 4 mm²• solid0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²	• of magnet coil	Spring-type terminals
solid2x (0.5 4 mm²) solid or stranded2x (0,5 4 mm²) finely stranded with core end processing2x (0.5 2.5 mm²) finely stranded without core end processing2x (0.5 2.5 mm²) finely stranded without core end processing2x (20 12)connectable conductor cross-section for main contacts2x (20 12)solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²	type of connectable conductor cross-sections	
solid or stranded2x (0,5 4 mm²) finely stranded with core end processing2x (0.5 2.5 mm²) finely stranded without core end processing2x (0.5 2.5 mm²)• for AWG cables for main contacts2x (20 12)connectable conductor cross-section for main contacts0.5 4 mm²• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²	for main contacts	
finely stranded with core end processing2x (0.5 2.5 mm²) finely stranded without core end processing2x (0.5 2.5 mm²)• for AWG cables for main contacts2x (20 12)connectable conductor cross-section for main contacts• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²	— solid	2x (0.5 4 mm²)
— finely stranded without core end processing $2x (0.5 2.5 mm^2)$ • for AWG cables for main contacts $2x (20 12)$ connectable conductor cross-section for main contacts $0.5 4 mm^2$ • solid $0.5 4 mm^2$ • stranded $0.5 2.5 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • finely stranded without core end processing $0.5 2.5 mm^2$ • finely stranded without core end processing $0.5 2.5 mm^2$ • solid or stranded $0.5 4 mm^2$ • solid or stranded $0.5 4 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • solid or stranded $0.5 4 mm^2$ • solid or stranded with core end processing $0.5 4 mm^2$ • finely stranded with core end processing $0.5 4 mm^2$	— solid or stranded	2x (0,5 4 mm²)
• for AWG cables for main contacts2x (20 12)connectable conductor cross-section for main contacts• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²	<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 2.5 mm²)
connectable conductor cross-section for main contacts• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²	<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.5 2.5 mm²)
• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• connectable conductor cross-section for auxiliary contacts	<ul> <li>for AWG cables for main contacts</li> </ul>	2x (20 12)
• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• connectable conductor cross-section for auxiliary contacts	connectable conductor cross-section for main contacts	
• 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       0.5 2.5 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²	• solid	0.5 4 mm²
• finely stranded without core end processing     0.5 2.5 mm²       connectable conductor cross-section for auxiliary contacts     • solid or stranded       • solid or stranded     0.5 4 mm²       • finely stranded with core end processing     0.5 2.5 mm²	• stranded	0.5 4 mm²
• finely stranded without core end processing       0.5 2.5 mm²         connectable conductor cross-section for auxiliary contacts       • solid or stranded         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²	<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm²
connectable conductor cross-section for auxiliary contacts         • solid or stranded         • finely stranded with core end processing         0.5 2.5 mm <sup>2</sup>		0.5 2.5 mm²
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>0.5 4 mm<sup>2</sup></li> <li>0.5 2.5 mm<sup>2</sup></li> </ul>		
• finely stranded with core end processing 0.5 2.5 mm <sup>2</sup>	-	0.5 4 mm²
	<ul> <li>finely stranded with core end processing</li> </ul>	
		0.5 2.5 mm <sup>2</sup>

type of connectable conductor cross-sections					
<ul> <li>for auxiliary contacts</li> </ul>					
— solid or stranded	2x (	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)			
for AWG cables for auxiliary contacts		20 12)			
AWG number as coded connectable conductor cross					
section					
<ul> <li>for main contacts</li> </ul>	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>	Yes	; with 3RH29			
<ul> <li>positively driven operation according to IEC 6094</li> </ul>	7-5-1 No				
<ul> <li>suitable for safety function</li> </ul>	Yes				
suitability for use safety-related switching OFF	Yes				
service life maximum	20 a	1			
test wear-related service life necessary	Yes				
proportion of dangerous failures					
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 9	6			
<ul> <li>with high demand rate according to SN 31920</li> </ul>	73 9	6			
B10 value with high demand rate according to SN 31	920 1 00	000 000			
failure rate [FIT] with low demand rate according to 3 31920	<b>SN</b> 100	FIT			
ISO 13849					
device type according to ISO 13849-1	3				
overdimensioning according to ISO 13849-2 necessa	ary Yes	Yes			
IEC 61508					
safety device type according to IEC 61508-2	Тур	e A			
Electrical Safety					
protection class IP on the front according to IEC 605	iP2	)			
touch protection on the front according to IEC 60529	fing	finger-safe, for vertical contact from the front			
Approvals Certificates					
General Product Approval					
	<u>Confirmation</u>	UK	Ē	<u>KC</u>	
			৻৻ঢ়		
CCC EG-Konf.			UL		
General Product Ap- proval EMV Test	Certificates		Marine / Shipping		
	cial Test Certific-	Type Test Certific-			
FAI 🙆 🗂	ate	ates/Test Report			
RCM			ABS	BUREAU	
				VERITAS	

Marine / Shipping













**Confirmation** 

other	Railway	Environment		
<u>Miscellaneous</u>	<u>Special Test Certific-</u> <u>ate</u>	EPD	Environmental Con- firmations	

2/4/2025

Information on the packaging

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

Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2017-2AB01-1AA0-Z X95

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-2AB01-1AA0-Z X95

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2AB01-1AA0-Z X95

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

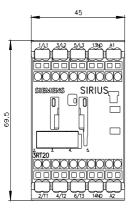
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2017-2AB01-1AA0-Z X95&lang=en

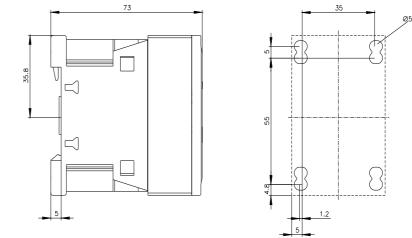
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

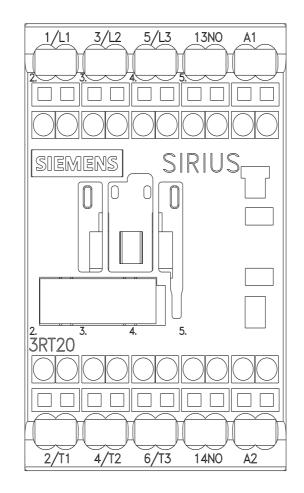
https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2AB01-1AA0-Z X95/char

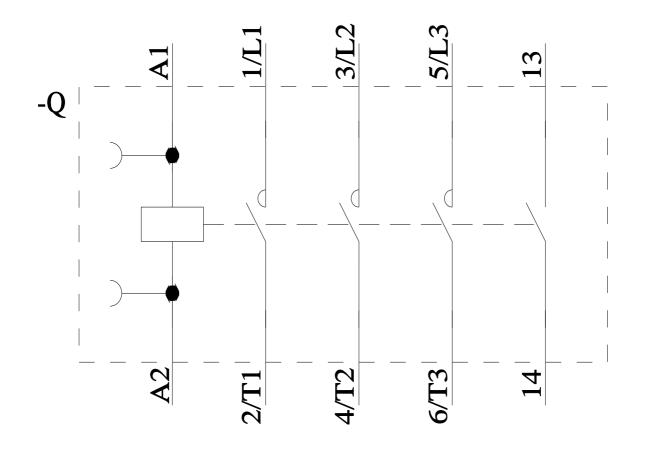
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-2AB01-1AA0-Z X95&objecttype=14&gridview=view1









last modified:

1/24/2025 🖸