SIEMENS

Data sheet 3RT2015-2BE42



power contactor, AC-3e/AC-3, 7 A, 3 kW / 400 V, 3-pole, 60 V DC, auxiliary contacts: 1 NC, spring-loaded terminal, size: S00,

product designation 98T2 Size of contactor 9800 product extension 98T2 size of contactor 9800 - uncline module for communication 98T2 power loss [W] for rated value of the current 98 14 Cin hot operating state 98 14 Cin hot operating state 9800 - of main circuit with degree of pollution 3 rated value 9800 9800 - of main circuit with degree of pollution 3 rated value 9800 9800 9800 - of main circuit rated value 9800 9800 9800 9800 9800 9800 9800 980	product brand name	SIRIUS
product type designation General technical data Size of contactor S00 S00 Formation module for communication No • function module for rated value of the current • fl AC in hot operating state 0.6 W • fl AC in hot operating state per pole 0.2 W • without load current share typical 4 W • function incruit with degree of pollution 3 rated value • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit rated value 6 kV • of auxiliary circuit rated value 7 kV • of	•	Power contactor
Size of contactor Froduct extension • function module for communication • auxiliary switch • at AC in hot operating state • at AC in hot operating state per pole • without load current share typical • of main circuit with degree of pollution 3 rated value • of auxiliary circuit vith degree of pollution 3 rated value • of auxiliary circuit vith degree of pollution 3 rated value • of auxiliary circuit vith degree of pollution 3 rated value • of auxiliary circuit rated value • of auxiliary switch block typical • at DC • of contactor with sine pulse • at DC • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typi		3RT2
product extension • function module for communication • auxilliary switch power loss [W] for rated value of the current • at AC in hot operating state 0.6 W • at AC in hot operating state per pole • at AC in hot operating state per pole • at AC in hot operating state per pole • of without load current share typical 4 W Insulation voltage • of main circuit with degree of pollution 3 rated value 680 V • of auxiliary circuit with degree of pollution 3 rated value 680 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 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV maximum permissible voltage for protective separation between 6 kV ### 400 V ### 4	General technical data	
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• auxiliary switch • at AC in hot operating state per pole • at AC in hot operating state per pole • without load current share typical • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of main circuit rated value • of auxiliary circuit rated value • at DC • at DC • at DC • (7g / 5 ms, 4,2g / 10 ms **Bhock resistance at rectangular impulse • at DC • at DC • of contactor typical • of contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch	product extension	
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shock resistance with sine pulse	shock resistance at rectangular impulse	
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mechanical service life (operating cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation • during storage -55 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit	shock resistance with sine pulse	
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Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit	 of the contactor with added auxiliary switch block typical 	10 000 000
installation altitude at height above sea level maximum ambient temperature during operation during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit 2 000 m -25 +60 °C -25 +80 °C 10 % 95 %	reference code according to IEC 81346-2	Q
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 during operation during storage telative humidity minimum maximum maximum 10 % 95 % 95 % Main circuit	installation altitude at height above sea level maximum	2 000 m
• during storage relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit	ambient temperature	
relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 95 % maximum Main circuit	 during operation 	-25 +60 °C
relative humidity at 55 °C according to IEC 60068-2-30 95 % maximum Main circuit	during storage	-55 +80 °C
maximum Main circuit	relative humidity minimum	10 %
		95 %
number of poles for main current circuit 3	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
at AC-3e rated value maximum	690 V
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated 	18 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated	18 A
value	40.4
 up to 690 V at ambient temperature 60 °C rated value 	16 A
• at AC-3	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-3e	7.0 / I
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
at AC-4 at 400 V rated value at AC-5 up to 600 V rated value	6.5 A
at AC-5a up to 690 V rated value	15.8 A
at AC-5b up to 400 V rated value	5.8 A
• at AC-6a	
 up to 230 V for current peak value n=20 rated value 	4 A
— up to 400 V for current peak value n=20 rated value	4 A
 up to 500 V for current peak value n=20 rated value 	3.8 A
 up to 690 V for current peak value n=20 rated value 	3.6 A
• at AC-6a	
 up to 230 V for current peak value n=30 rated value 	2.7 A
 up to 400 V for current peak value n=30 rated value 	2.7 A
 up to 500 V for current peak value n=30 rated value 	2.5 A
 up to 690 V for current peak value n=30 rated value 	2.4 A
minimum cross-section in main circuit at maximum AC-1 rated value	2.5 mm²
operational current for approx. 200000 operating cycles at	
AC-4	
at 400 V rated value	2.6 A
at 690 V rated value	1.8 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	1.5 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.42 A
— at 600 V rated value	0.42 A
 with 2 current paths in series at DC-1 	
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	8.4 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.5 A
with 3 current paths in series at DC-1	
-	15 A
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	15 A
— at 220 V rated value	15 A
— at 440 V rated value	0.9 A
— at 600 V rated value	0.7 A
 at 1 current path at DC-3 at DC-5 	

- at 24 V rated value
• with 2 current paths in series at DC-3 at DC-5 — at 24 V rated value — at 60 V rated value — at 60 V rated value — at 110 V rated value — 2.5 A • with 3 current paths in series at DC-3 at DC-5 — at 24 V rated value — 15 A — at 60 V rated value — 15 A — at 110 V rated value — 15 A — at 110 V rated value — 15 A — at 220 V rated value — 15 A — at 220 V rated value — 1.2 A — at 440 V rated value — 1.4 A — at 600 V rated value — 1.4 A — at 600 V rated value — 1.5 kW — at 230 V rated value — at 400 V rated value — 3 kW — at 500 V rated value — 3 kW — at 690 V rated value — 3 kW — at 400 V rated value — 3 kW — at 400 V rated value — 3 kW — at 400 V rated value — 3 kW — at 690 V rated value — 3 kW — at 690 V rated value — 3 kW — at 690 V rated value — 3 kW — at 690 V rated value — 3 kW — at 690 V rated value — 3 kW — at 690 V rated value — 1.5 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value — 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value
 at 110 V rated value with 3 current paths in series at DC-3 at DC-5 — at 24 V rated value — at 60 V rated value — 15 A — at 110 V rated value — 15 A — at 220 V rated value — at 220 V rated value — at 440 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 400 V rated value — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 500 V rated value — at 600 V rated value — at 730 V rated value — at 750 V rated value — at 750 V rated value — at 600 V rated value — 1.5 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 600 V rated value • at 600
with 3 current paths in series at DC-3 at DC-5 — at 24 V rated value
- at 60 V rated value 15 A - at 110 V rated value 15 A - at 220 V rated value 1.2 A - at 440 V rated value 0.14 A - at 600 V rated value 0.14 A operating power
- at 110 V rated value 1.2 A - at 220 V rated value 1.2 A - at 440 V rated value 0.14 A - at 600 V rated value 0.14 A operating power • at AC-3 - at 230 V rated value 1.5 kW - at 400 V rated value 3 kW - at 690 V rated value 4 kW • at AC-3e - at 230 V rated value 1.5 kW • at AC-3e - at 230 V rated value 3 kW • at 400 V rated value 3 kW • at 690 V rated value 1.5 kW • at 500 V rated value 3 kW • at 400 V rated value 4 kW • at 690 V rated value 1.5 kW • at 690 V rated value 3 kW • at 690 V rated value 1.5 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 1.15 kW • at 690 V rated value 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value 1.5 kVA • up to 500 V for current peak value n=20 rated value 2.7 kVA • up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 690 V for current peak value n=20 rated value 4.3 kVA
- at 220 V rated value - at 440 V rated value 0.14 A operating power
at 440 V rated value 0.14 A 0.14
• at AC-3 — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value — at 230 V rated value — at 690 V rated value — at 400 V rated value — at 400 V rated value — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 500 V rated value — at 690 V
• at AC-3 — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value — at 690 V rated value — at 230 V rated value — at 400 V rated value — at 400 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value • at 400 V rated value • at 400 V rated value • at 690 V rated value 1.15 kW • at 690 V rated value 1.25 kW • at 690 V rated value 1.35 kW • at 690 V rated value 1.45 kW • at 690 V rated value 1.5 kVA • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value
- at 230 V rated value - at 400 V rated value - at 500 V rated value - at 690 V rated value - at 690 V rated value - at 230 V rated value - at 230 V rated value - at 230 V rated value - at 400 V rated value - at 500 V rated value - at 500 V rated value - at 500 V rated value - at 690 V rated value
- at 400 V rated value - at 500 V rated value - at 690 V rated value - at 690 V rated value - at 230 V rated value - at 400 V rated value - at 400 V rated value - at 500 V rated value - at 500 V rated value - at 690 V rated value
- at 500 V rated value - at 690 V rated value 4 kW • at AC-3e - at 230 V rated value - at 400 V rated value 3 kW - at 500 V rated value 3 kW - at 690 V rated value 4 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value 2.7 kVA • up to 690 V for current peak value n=20 rated value 3 kW - 1.5 kVA - up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 690 V for current peak value n=20 rated value 4.3 kVA
- at 690 V rated value • at AC-3e - at 230 V rated value - at 400 V rated value - at 500 V rated value - at 690 V rated value • at 400 V rated value • at 400 V rated value • at 690 V rated value 1.15 kW • at 690 V rated value • at 690 V rated value 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value 4.3 kVA
at AC-3e at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 400 V rated value at 690 V rated value at 400 V rated value at 400 V rated value 1.15 kW operating power for approx. 200000 operating cycles at AC-4 at 400 V rated value 1.15 kW operating apparent power at AC-6a up to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value 2.7 kVA up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value 4.3 kVA
- at 230 V rated value - at 400 V rated value 3 kW - at 500 V rated value 3 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 1.15 kW • at 690 V rated value 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value 4.3 kVA
- at 400 V rated value 3 kW - at 500 V rated value 4 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 1.15 kW • at 690 V rated value 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value 2.7 kVA • up to 400 V for current peak value n=20 rated value 3.3 kVA • up to 690 V for current peak value n=20 rated value 3.3 kVA • up to 690 V for current peak value n=20 rated value 4.3 kVA
- at 500 V rated value - at 690 V rated value operating power for approx. 200000 operating cycles at AC- at 400 V rated value • at 400 V rated value • at 690 V rated value 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value 3.3 kVA • up to 690 V for current peak value n=20 rated value 4.3 kVA
- at 690 V rated value operating power for approx. 200000 operating cycles at AC- at 400 V rated value at 690 V rated value 1.15 kW operating apparent power at AC-6a up to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value 3.3 kVA up to 690 V for current peak value n=20 rated value 4.3 kVA
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 up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value 4.3 kVA
• up to 690 V for current peak value n=20 rated value 4.3 kVA
operating apparent power at AC-6a
• up to 230 V for current peak value n=30 rated value 1 kVA
• up to 400 V for current peak value n=30 rated value 1.8 kVA
• up to 500 V for current peak value n=30 rated value 2.2 kVA
• up to 690 V for current peak value n=30 rated value 2.9 kVA
short-time withstand current in cold operating state up to 40 °C
• limited to 1 s switching at zero current maximum 120 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 5 s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 10 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 30 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 60 s switching at zero current maximum 43 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 60 V
operating range factor control supply voltage rated value of magnet coil at DC
• initial value 0.8
• full-scale value 1.1
closing power of magnet coil at DC 4 W

holding navor of magnet sail at DC	AM
holding power of magnet coil at DC	4 W
closing delay	20 400
• at DC	30 100 ms
opening delay	7 13 ms
at DC arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	Standard AT - AZ
number of NC contacts for auxiliary contacts instantaneous	1
contact	
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 690 V rated value	1 A
operational current at DC-12	
at 24 V rated value	10 A
• 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
at 600 V rated value	0.1 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	4.8 A
at 600 V rated value	6.1 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	0.25 hp
— at 230 V rated value	0.75 hp
• for 3-phase AC motor	
— at 200/208 V rated value	1.5 hp
— at 220/230 V rated value	2 hp
— at 460/480 V rated value	3 hp
— at 575/600 V rated value	5 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
with type of coordination 1 required	gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
with type of assignment 2 required	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)
for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
side-by-side mounting	Yes
height	70 mm
width	45 mm
depth	73 mm
wopui	70 11111

required spacing	
with side-by-side mounting	40
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
• for grounded parts	40
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	10
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	aning landed towningly
for main current circuit for quality and control circuit	spring-loaded terminals
for auxiliary and control circuit at contactor for auxiliary contactor	spring-loaded terminals
at contactor for auxiliary contacts of magnet soil	Spring-type terminals
of magnet coil type of connectable conductor cross sections for main contacts.	Spring-type terminals
type of connectable conductor cross-sections for main contacts • solid	2v (0.5 4 mm²)
	2x (0.5 4 mm²)
solid or stranded finely stranded with core and processing	2x (0,5 4 mm²)
finely stranded with core end processing finely stranded without core and processing	2x (0.5 2.5 mm²)
inely stranded without core end processing connectable conductor cross-section for main contacts	2x (0.5 2.5 mm²)
solid	0.5 4 mm²
stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm ²
finely stranded with core end processing finely stranded without core end processing	0.5 2.5 mm²
connectable conductor cross-section for auxiliary contacts	0.5 2.5 11111
solid or stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm ²
finely stranded with earle and processing finely stranded without core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	0.0 2.0 11111
• 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	
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
suitability for use safety-related switching OFF	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 61508	20 a
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Certificates/ approvals	
General Product Approval	



Confirmation





<u>KC</u>



Functional
Safety/Safety of Machinery

Declaration of Conformity

Test Certificates



Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certificate

Marine / Shipping













Marine / Shipping

other

Railway

Dangerous Good

Environment



Confirmation



Vibration and Shock

Transport Information

Environmental Confirmations

Further information

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,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2015-2BE42

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2015-2BE42

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2015-2BE42

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

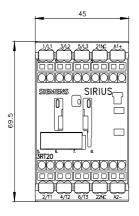
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2015-2BE42&lang=en

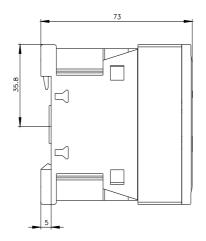
Characteristic: Tripping characteristics, I2t, Let-through current

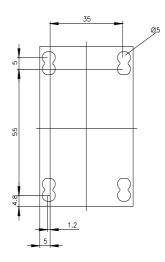
https://support.industry.siemens.com/cs/ww/en/ps/3RT2015-2BE42/char

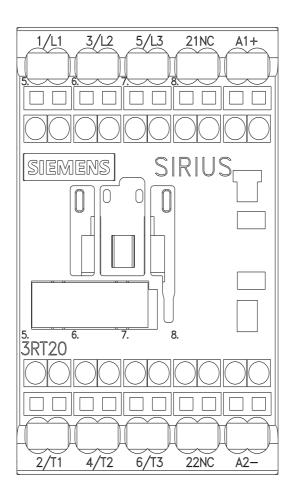
Further characteristics (e.g. electrical endurance, switching frequency)

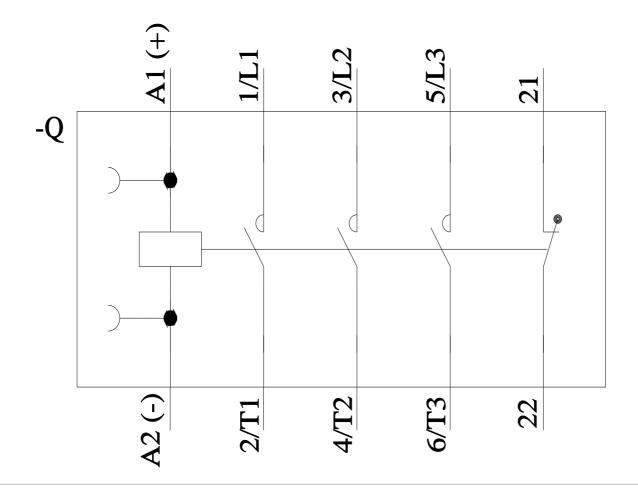
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2015-2BE42&objecttype=14&gridview=view1











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