## **SIEMENS**

Data sheet 3RT2026-2BB40



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 24 V DC, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S0
product extension	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	5.7 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W
<ul> <li>without load current share typical</li> </ul>	5.9 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 10 ms
mechanical service life (operating cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul><li>during operation</li></ul>	-25 +60 °C
<ul> <li>during storage</li> </ul>	-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 sircuit	2
number of poles for main current circuit number of NO contacts for main contacts	3
operating voltage	3
at AC-3 rated value maximum	690 V
at AC-3 rated value maximum     at AC-3e rated value maximum	690 V
operational current	000 V
at AC-1 at 400 V at ambient temperature 40 °C rated value	40 A
• at AC-1	
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	40 A
<ul> <li>— up to 690 V at ambient temperature 60 °C rated value</li> <li>at AC-3</li> </ul>	35 A
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	10 /1
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
• at AC-5a up to 690 V rated value	35.2 A
at AC-5b up to 400 V rated value	20.7 A
• at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	20.2 A
— up to 500 V for current peak value n=20 rated value	20.2 A
<ul> <li>up to 690 V for current peak value n=20 rated value</li> <li>at AC-6a</li> </ul>	12.9 A
up to 230 V for current peak value n=30 rated value	13.5 A
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	13.5 A
— up to 500 V for current peak value n=30 rated value	13.5 A
— up to 690 V for current peak value n=30 rated value  minimum cross-section in main circuit at maximum AC-1	13 A 10 mm²
rated value  operational current for approx. 200000 operating	10 min
cycles at AC-4	
at 400 V rated value	9 A
• at 690 V rated value	9 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	35 A
— at 60 V rated value	20 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
with 2 current paths in series at DC-1  — at 24 V rated value	35 A
— at 24 v rated value — at 60 V rated value	35 A 35 A
— at 110 V rated value	35 A
— at 110 V rated value  — at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
with 3 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 60 V rated value	35 A

— at 110 V rated value	35 A
— at 110 V rated value  — at 220 V rated value	35 A 35 A
— at 440 V rated value	2.9 A
— at 440 V rated value  — at 600 V rated value	1.4 A
at 1 current path at DC-3 at DC-5	1.77
— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1A
— at 440 V rated value	0.09 A
— at 600 V rated value	0.06 A
with 2 current paths in series at DC-3 at DC-5	0.00 A
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
with 3 current paths in series at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	
• at AC-3	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles	
at AC-4	
• at 400 V rated value	4.4 kW
at 690 V rated value	7.7 kW
operating apparent power at AC-6a	0.174
• up to 230 V for current peak value n=20 rated value	8 kVA
• up to 400 V for current peak value n=20 rated value	13.9 kVA
• up to 500 V for current peak value n=20 rated value	17.4 kVA
• up to 690 V for current peak value n=20 rated value	15.4 kVA
operating apparent power at AC-6a	501)/4
• up to 230 V for current peak value n=30 rated value	5.3 kVA
• up to 400 V for current peak value n=30 rated value	9.3 kVA
• up to 500 V for current peak value n=30 rated value	11.6 kVA
• up to 690 V for current peak value n=30 rated value	15.5 kVA
short-time withstand current in cold operating state up to 40 °C	
limited to 1 s switching at zero current maximum	375 A; Use minimum cross-section acc. to AC-1 rated value
limited to 1 s switching at zero current maximum     limited to 5 s switching at zero current maximum	300 A; Use minimum cross-section acc. to AC-1 rated value
limited to 3's switching at zero current maximum     limited to 10 s switching at zero current maximum	210 A; Use minimum cross-section acc. to AC-1 rated value
limited to 10's switching at zero current maximum     limited to 30 s switching at zero current maximum	144 A; Use minimum cross-section acc. to AC-1 rated value
limited to 60 s switching at zero current maximum	118 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	11071, God Hillimani Grood-Scotlon acc. to 71071 Tated Value
• at DC	1 500 1/h
operating frequency	
at AC-1 maximum	1 000 1/h
at AC-2 maximum	750 1/h
at AC-3 maximum	750 1/h
at AC-3e maximum	750 1/h

• at AC-4 maximum	250 1/h
Control circuit/ Control	
	DC
type of voltage of the control supply voltage	DC
control supply voltage at DC  • rated value	24 V
operating range factor control supply voltage rated	Z4 V
value of magnet coil at DC	
• initial value	0.8
full-scale value	1.1
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	
• at DC	50 170 ms
opening delay	
• at DC	15 18 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
instantaneous contact	
number of NO contacts for auxiliary contacts	1
instantaneous contact	
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	10 A
<ul> <li>at 400 V rated value</li> </ul>	3 A
<ul> <li>at 500 V rated value</li> </ul>	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     at 220 V rated value	2 A
at 220 V rated value	1 A
• at 600 V rated value	0.15 A
operational current at DC-13	10 A
at 24 V rated value     at 48 V rated value	10 A 2 A
<ul> <li>at 48 V rated value</li> <li>at 60 V rated value</li> </ul>	2 A
at 100 V rated value      at 110 V rated value	1 A
at 110 V rated value     at 125 V rated value	0.9 A
at 123 V rated value     at 220 V rated value	0.3 A
at 600 V rated value	0.3 A 0.1 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	aa, omoning por 100 million (17 v, 1 mr.)
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value	21 A
at 480 V rated value     at 600 V rated value	22 A
at 600 v rated value  yielded mechanical performance [hp]	LLA
for single-phase AC motor	
— at 110/120 V rated value	2 hp
— at 230 V rated value	3 hp
for 3-phase AC motor	O TIP
— at 200/208 V rated value	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp
— at 575/600 V rated value	20 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
— with type of coordination 1 required	gG: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415
	V, 80 kA)

* for short-stroit protection of the auxiliary switch required installation mounting position  **Fatoring position  **Fatoring method  **Side-by-side mounting height  **Side-by-side mounting height  **Side-by-side mounting height  **Side-by-side mounting height  **Side-by-side mounting  **Side-b	— with type of assignment 2 required	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)
mounting position fastening method side-by-side mounting height side by-side mounting height side by-side mounting height side by-side mounting height side by-side mounting - forwards - upwards - at the side - of orgrounded parts - forwards - at the side - ownwards - ownward		•
forward and backward by 4- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  • side-by-side mounting  height  width depth  of mind spacing  • with side-by-side mounting  - with side-by-side mounting  • for wards  • lo mm  • at the side  • downwards  • of mind wards  • for wards  • fo	·	
astering method  asde-by-ade mounting height width dapth required spacing  • will side-by-side mounting  - forwards — upwards — downwards — of mounted parts — forwards — upwards — upwards — upwards — upwards — the side — downwards — of mounted parts — forwards — upwards — the side — downwards — the side — downwards — upwards — the side — downwards — to mm — to five parts — forwards — upwards — to mm — to main current carcuit — forwards — to mm — the side — downwards — to mm — the side — downwards — to mm — to mm — the side — downwards — to mm — the side — to mm — the side —	mounting position	
* side-by-side mounting height width depth required spacing      * with side-by-side mounting     * forwards     * upwards     * upwards     * downwards     * of many or	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN
helight width 45 mm depth 107 mm required spacing   • with side-by-side mounting  — forwards 10 mm — downwards 10 mm — downwards 10 mm — at the side 0 mm  • for grounded parts 10 mm — torwards 10 mm — torwards 10 mm — downwards 10 mm — with side 6 mm — downwards 10 mm — forwards 10 mm — at the side 6 mm — downwards 10 mm — at the side 10 mm — at the side 5 mm — for auxiliary and control circuit of or auxiliary contacts Spring-loaded terminals spr		
with depth required spacing  • with side-by-side mounting  - forwards - upwards - downwards - at the side - downwards - mounted parts - forwards - for main current circuit - for auxillary and control circuit - of auxillary and control circuit - solid or stranded - finely stranded with core end processing - finely stranded without core end processing - finely stranded with core end processing - finely stranded without core end pr		
depth required spacing  with side-by-side mounting  - forwards - upwards - at the side of orgrounded parts - forwards - upwards - upwards - upwards - upwards - upwards - upwards - at the side - downwards - at the side - downwards - at the side - downwards - to file parts - forwards - upwards - to file parts - forwards - upwards - to file parts - forwards - upwards - to file parts - for main current circuit - for availlary and control circuit - for availlary and control circuit - for availlary and control circuit - solid - solid or stranded - finely stranded with core end processing - finely stranded with core end proces		
required spacing  • with side-by-side mounting  — forwards — upwards — downwards — at the side — for grounded parts — forwards — the side — downwards — of mm — ownwards — ownwards — ownwards — forwards — forwards — forwards — ownwards — ownwards — ownwards — the side — downwards — to mm — the side — downwards — upwards — to mm — to		
with side-by-side mounting	•	107 111111
- forwards - downwards - downwards - downwards - it fits side - for grounded parts - forwards - upwards - at the side - downwards - at the side - downwards - for live parts - forwards - downwards - downwards - downwards - at the side - downwards - downwards - the side - for min current circuit - for awailiary and control circuit - solid - solid or stranded - finely stranded with core end processing - finely stranded without core end processing - finely stranded with core en		
- upwards		10 mm
- downwards - at the side • for grounded parts - lonwards - upwards - at the side • for grounded parts - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - upwards - upwards - downwards - upwards - downwards - upwards - downwards - upwards - downwards - at the side - downwards - of man - of reminals  type of electrical connection • for main current circuit • for auxiliary and control dircuit • for auxiliary and control circuit • for auxiliary and control cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • finely st		
- at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - for wards - for live parts - forwards - downwards • for live parts - forwards - downwards - domnwards - downwards - downwards - downwards - downwards - downwards - downwa	•	
• for grounded parts  — forwards — upwards — at the side — downwards 10 mm  • for live parts — forwards 10 mm  • for live parts — forwards 10 mm — upwards — downwards 10 mm — downwards — at the side 6 mm  Connections/ Terminals  Type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary contacts • of magnet coil Type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • for auxiliary contacts  AWG number as coded connectable conductor cross-sections • for auxiliary contacts • for auxiliary con		
- forwards - upwards - at the side - downwards - for live parts - forwards - upwards - for live parts - forwards - upwards - forwards -		<b>5</b>
- upwards - at the side - downwards • for live parts • for live parts - (prowards - upwards - upwards - upwards - downwards - downwards - the side - downwards - the side - for man current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit • for finagnet coil type of econnectable conductor cross-sections for main current • for finely stranded with core end processing • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • for auxiliary contacts  - solid or stranded • finely stranded with core end processing • for auxiliary contacts  - solid or stranded • finely stranded with core end processing • for auxiliary contacts  - solid or stranded • finely stranded with core end processing • for auxiliary contacts  - solid or stranded • finely stranded with core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing - for auxiliary contacts		10 mm
at the side — downwards 10 mm 10 mm 5 for live parts — forwards 10 mm 10 mm — downwards 10 mm 10 mm — downwards 10 mm 10 mm — downwards 10 mm 10 mm — at the side 10 mm 10 mm — downwards 10 mm 10		
- downwards • for live parts - for newards - upwards - upwards - downwards - at the side - downwards - at the side  Connections/ Terminals  type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • finely stranded with core end processin		
• for live parts     — forwards     — upwards     — upwards     — downwards     — at the side     — for man current circuit     • for main current circuit     • for main current circuit     • at contactor for auxiliary contacts     • of magnet coil     type of connectable conductor cross-sections     • solid     • solid or stranded     • finely stranded with core end processing     • solid or stranded     • finely stranded with core end processing     • finely stranded without core end processing     • for auxiliary contacts      • Solid or stranded     • finely stranded without core end processing     • for auxiliary contacts      • Solid or stranded     • finely stranded without core end processing     • for auxiliary contacts      • Solid or stranded     • for auxiliary contacts      • Solid or stranded     • for auxiliary contacts      • Solid or stranded     • for auxiliary		
forwards upwards		
- upwards - downwards - 10 mm	•	10 mm
- downwards — at the side 6 mm   connections/ Freminals  type of electrical connection  • for main current circuit spring-loaded terminals  • for auxiliary and control circuit spring-loaded terminals  • of magnet coil spring-loaded terminals  • of magnet coil spring-loaded terminals  • of magnet coil spring-loaded terminals  • solid spring-type terminals  Spring-ty		
type of electrical connection  • for main current circuit  • at contactor for auxiliary contacts  • of magnet coil  type of connectable conductor cross-sections for main contacts  • solid  • solid or stranded  • finely stranded with core end processing  • finely stranded without core end processing  • for auxiliary contacts  AWG number as coded connectable conductor cross section  • for main contacts  • for auxiliary co		10 mm
type of electrical connection  • for main current circuit  • for auxiliary and control circuit  • at contactor for auxiliary contacts  • of magnet coil type of connectable conductor cross-sections for main contacts  • solid  • solid or stranded • finely stranded with core end processing connectable conductor cross-section for main contacts  • solid  • finely stranded without core end processing connectable conductor cross-section for main contacts  • solid  • solid  • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts  • solid or stranded • finely stranded without core end processing connectable conductor cross-section for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxi	— at the side	6 mm
type of electrical connection  • for main current circuit  • for auxiliary and control circuit  • at contactor for auxiliary contacts  • of magnet coil type of connectable conductor cross-sections for main contacts  • solid  • solid or stranded • finely stranded with core end processing connectable conductor cross-section for main contacts  • solid  • finely stranded without core end processing connectable conductor cross-section for main contacts  • solid  • solid  • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts  • solid or stranded • finely stranded without core end processing connectable conductor cross-section for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxi	Connections/ Terminals	
• for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing - finely stranded w		
• for auxiliary and control circuit • at contactor for auxillary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded without core end processing connectable conductor cross-section for main contacts • solid • solid • solid or stranded without core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded without core end processing • finely stranded without core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded without core end processing connectable conductor cross-sections • for auxiliary contacts • solid or stranded — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts  - solid or stranded — finely stranded with core end processing - f		spring-loaded terminals
<ul> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> <li>type of connectable conductor cross-sections for main contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>of solid e conductor cross-section for main contacts</li> <li>solid or stranded</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>AWG numbra as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> </ul>		
of magnet coil type of connectable conductor cross-sections for main contacts     o solid     o solid or stranded     ofinely stranded with core end processing     ofinely stranded without core end processing     connectable conductor cross-section for main contacts     o solid     o stranded     o finely stranded with core end processing     o solid     o stranded     o finely stranded with core end processing     o finely stranded without core end processing     o finely stranded without core end processing     o finely stranded without core end processing     o solid or stranded     o finely stranded with core end processing     o finely stranded without core end processing     o finely stranded without core end processing     o finely stranded without core end processing     o for auxiliary contacts     o solid or stranded     o finely stranded with core end processing     o for auxiliary contacts     o for auxiliary contacts  AWG number as coded connectable conductor cross section     o for main contacts     o for auxiliary contacts  Safety related data  product function  Spring-type terminals  2x (1 10 mm²  2x (1 6 mm²)  2x (0 1.5 mm²)  2x (0		
type of connectable conductor cross-sections for main contacts  • solid • solid or stranded • finely stranded with core end processing • finely stranded without core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing • finely stranded without core end processing • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without core end processing • for auxiliary contacts  • solid or stranded • finely stranded without core end processing • for auxiliary contacts  • solid or stranded - finely stranded with core end processing • for auxiliary contacts  • for auxiliary contacts • at AWG cables for auxiliary contacts • for main contacts • for main contacts • for auxiliary contacts		
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>solid or stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG aumber as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>for</li></ul>	type of connectable conductor cross-sections for main	opg type tode
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>solid or stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG aumber as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>for</li></ul>	• solid	2x (1 10 mm²)
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded without core end processing</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG cables for auxiliary contacts</li> <li>for main contacts</li> <li>for main contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>for main contacts</li> <li>for auxiliary contacts<!--</td--><td><ul> <li>solid or stranded</li> </ul></td><td>2x (1 10 mm²)</td></li></ul>	<ul> <li>solid or stranded</li> </ul>	2x (1 10 mm²)
connectable conductor cross-section for main contacts  • solid  • stranded  • finely stranded with core end processing  • finely stranded without core end processing  connectable conductor cross-section for auxiliary contacts  • solid or stranded  • finely stranded with core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • finely stranded without core end processing  • for auxiliary contacts  — solid or stranded — finely stranded with core end processing — finely stranded without core end processing — finely stranded without core end processing — at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section  • for main contacts • for auxiliary contacts  18 8 • for auxiliary contacts  20 14  Safety related data  product function	<ul> <li>finely stranded with core end processing</li> </ul>	
contacts  • solid • stranded • stranded with core end processing • finely stranded without core end processing connectable conductor cross-section for auxiliary contacts  • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts  • solid or stranded • finely stranded without core end processing type of connectable conductor cross-sections • for auxiliary contacts  - solid or stranded - finely stranded with core end processing connectable conductor cross-sections • for auxiliary contacts  - solid or stranded - finely stranded with core end processing - finely stranded without core end processing - solid or stranded - finely stranded without core end processing - solid or stranded - finely stranded without core end processing - solid or stranded - solid or strande	<ul> <li>finely stranded without core end processing</li> </ul>	2x (1 6 mm²)
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>molthage of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>8</li> <li>for auxiliary contacts</li> <li>18 8</li> <li>for auxiliary contacts</li> <li>20 14</li> </ul> Safety related data product function		
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>for auxiliary contacts</li> <li>finely stranded with core end processing</li> <li>for finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts</li> <li>at AWG cables for auxiliary contacts</li> <li>for main contacts</li> <li>for auxiliary contact</li></ul>	• solid	1 10 mm²
• finely stranded without core end processing connectable conductor cross-section for auxiliary contacts     • solid or stranded     • finely stranded with core end processing     • finely stranded without core end processing     • for auxiliary contacts     — solid or stranded     — finely stranded with core end processing     — finely stranded with core end processing     — finely stranded     — finely stranded with core end processing     — finely stranded without core end processing     — finely stranded without core end processing     — at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section     • for main contacts     • for auxiliary contacts     18 8     • for auxiliary contacts  Safety related data  product function	<ul><li>stranded</li></ul>	1 10 mm²
connectable conductor cross-section for auxiliary contacts  • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • for auxiliary contacts  - solid or stranded - finely stranded without core end processing • for auxiliary contacts  - solid or stranded - finely stranded with core end processing - finely stranded with core end processing - finely stranded without core end processing - finely stranded without core end processing - at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts  18 8 • for auxiliary contacts  20 14  Safety related data  product function	<ul> <li>finely stranded with core end processing</li> </ul>	1 6 mm²
<ul> <li>contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>— finely stranded with core end processing</li> <li>— finely stranded without core end processing</li> <li>— finely stranded without core end processing</li> <li>— at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>18 8</li> <li>for auxiliary contacts</li> <li>20 14</li> </ul> Safety related data product function		1 6 mm²
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>for main contacts</li> <li>for auxiliary contacts<!--</td--><td></td><td></td></li></ul>		
• finely stranded without core end processing     type of connectable conductor cross-sections     • for auxiliary contacts         — solid or stranded         — finely stranded with core end processing         — finely stranded without core end processing         — finely stranded without core end processing         — at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section     • for main contacts         • for auxiliary contacts  Safety related data  product function   0.5 2.5 mm²  2x (0.5 2.5 mm²)  2x (0.5 2.5 mm²)  2x (20 14)  4x (20 14)		
type of connectable conductor cross-sections  • for auxiliary contacts  — solid or stranded — finely stranded with core end processing — finely stranded without core end processing — finely stranded without core end processing • at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section  • for main contacts • for auxiliary contacts  18 8 • for auxiliary contacts  20 14  Safety related data  product function	<ul> <li>finely stranded with core end processing</li> </ul>	
<ul> <li>for auxiliary contacts  — solid or stranded — finely stranded with core end processing — finely stranded without core end processing — finely stranded without core end processing</li></ul>		0.5 2.5 mm <sup>2</sup>
- solid or stranded - finely stranded with core end processing - finely stranded without core end processing - finely stranded without core end processing • at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts  Safety related data  product function  2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 14)  8		
- finely stranded with core end processing - finely stranded without core end processing  • at AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section  • for main contacts • for auxiliary contacts  18 8 • for auxiliary contacts  2x (0.5 1.5 mm²)  2x (20 14)  18 8  • for auxiliary contacts  20 14	•	
<ul> <li>finely stranded without core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>at AWG number as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>18 8</li> <li>for auxiliary contacts</li> <li>2x (20 14)</li> </ul> Safety related data product function		
<ul> <li>at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>Safety related data</li> <li>product function</li> </ul>		
AWG number as coded connectable conductor cross section  • for main contacts • for auxiliary contacts  Safety related data product function		
section	•	2x (20 14)
● for main contacts     ● for auxiliary contacts     Safety related data  product function  18 8 20 14  Safety related data		
• for auxiliary contacts  20 14  Safety related data  product function		18 8
Safety related data product function		
product function		ZV 1 <del>†</del>
■ mirror contact according to IEC 60947-4-1 Yes	•	Von
	■ Hillion contact according to IEC 60947-4-1	1 00

B10 value with high demand rate according to SN 31920 proportion of dangerous failures

• with low demand rate according to SN 31920

• with high demand rate according to SN 31920

failure rate [FIT] with low demand rate according to SN 31920

T1 value for proof test interval or service life according to IEC 61508

protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529 suitability for use

• safety-related switching OFF

450 000

40 %

73 %

100 FIT

20 a

IP20

finger-safe, for vertical contact from the front

Yes

Certificates/ approvals

## **General Product Approval**





Confirmation



<u>KC</u>



**EMC** 

Functional Safety/Safety of Machinery

**Declaration of Conformity** 

**Test Certificates** 



Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certificate

**Test Certificates** 

Marine / Shipping

**Miscellaneous** 











Marine / Shipping

other

Railway

**Dangerous Good** 





Confirmation



Vibration and Shock

<u>Transport Information</u>

**Environment** 

Environmental Confirmations

## Further information

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

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$ 

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=3RT2026-2BB40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-2BB40

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2BB40

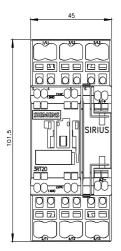
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3RT2026-2BB40&lang=en

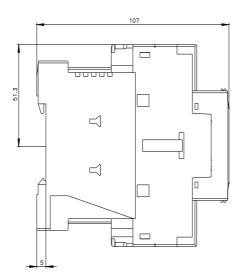
Characteristic: Tripping characteristics, I2t, Let-through current

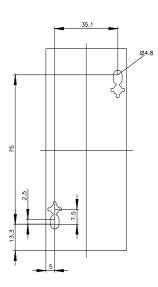
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2BB40/char

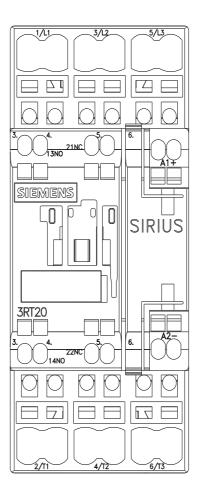
Further characteristics (e.g. electrical endurance, switching frequency)

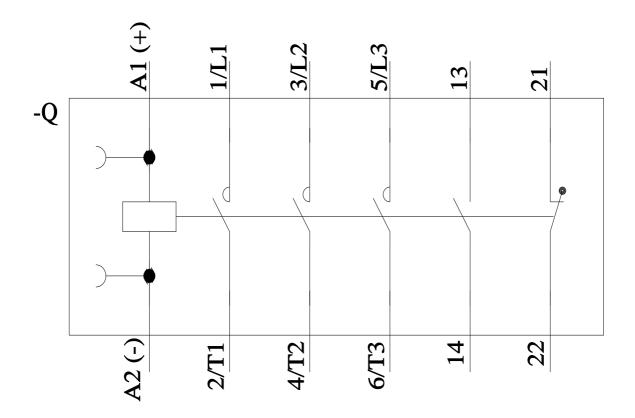
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-2BB40&objecttype=14&gridview=view1











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