# **SIEMENS**

Data sheet 3RT2026-2DB40



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 24 V DC, with plugged-in varistor, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal, size: S0  $\,$ 

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
• of auxiliary circuit with degree of pollution 3 rated value	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 kV
of auxiliary circuit rated value	6 kV
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	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)	
of contactor typical	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
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	
number of poles for main current circuit	3

number of NO contacts for main contacts	3
operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
at AC-3e rated value maximum	690 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated</li> </ul>	40 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated	40 A
value	25 A
<ul> <li>up to 690 V at ambient temperature 60 °C rated value</li> </ul>	35 A
• at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
	13 A
<ul><li>— at 690 V rated value</li><li>• at AC-4 at 400 V rated value</li></ul>	
	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
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	12.9 A
• at AC-6a	
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>	13 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm²
operational current for approx. 200000 operating 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 60 V rated value	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.	25 A
— 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	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 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	5 A			
— at 110 V rated value	2.5 A			
— at 220 V rated value	1 A			
— at 440 V rated value	0.09 A			
— at 600 V rated value	0.06 A			
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>				
— 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			
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>				
— 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-2 at 400 V rated value	11 kW			
• 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				
<ul> <li>at 400 V rated value</li> </ul>	4.4 kW			
• at 690 V rated value	7.7 kW			
operating apparent power at AC-6a				
• 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				
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				
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	375 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	300 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	210 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	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				
• 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			
type of voltage of the control supply voltage	DC		
control supply voltage at DC			
• rated value	24 V		
operating range factor control supply voltage rated value of	24 V		
magnet coil at DC			
• initial value	0.8		
• full-scale value	1.1		
design of the surge suppressor	with varistor		
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 instantaneous	1		
contact			
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	6 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	6 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	21 A		
at 600 V rated value	22 A		
yielded mechanical performance [hp]			
<ul> <li>for single-phase AC motor</li> </ul>			
— at 110/120 V rated value	2 hp		
— at 230 V rated value	3 hp		
• for 3-phase AC motor			
— 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			

- with type of coordination 1 required - with type of assignment 2 required 1 of soft of charge protection of the auxiliary switch required Installation/mounting/ dimensions  **George 1 of 1 o	• for short-circuit protection of the main circuit			
- with type of assignment 2 required  of or short-drouzh protection of the auxiliary switch required  internalization formating dimensions  mounting position  4-100**rotation position on the auxiliary switch required  fastening method  screw and anap-on mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards by + 2-2.8° on revitation mounting surface, can be liked forward and backwards and backwards and backwards and backwards and surface was an any on mounting onto 35 mm DIN rail according to DIN EN 60715  4.00 mm  - forwards  - forwards  - formards  - forwards  - formards  -	for short-circuit protection of the main circuit     with type of coordination 1 required.	αG: 100 A (690 V 100 kA) aM: 50 Δ (690 V 100 kΔ). RS88: 100 Δ (415 V 80		
seturing continuity of memalors  mounting position  seture of the part of the seture o	— with type of coordination in required			
seturing continuity of memalors  mounting position  seture of the part of the seture o	— with type of assignment 2 required			
## Af 580** rotation possible on vertical mounting surface; can be titled forward and backward by2.2.2.5* more teal mounting surface; can be titled forward and backward by2.2.2.5* more teal mounting surface; can be titled forward and backward by2.2.5* more teal mounting surface; can be titled forward and backward by2.2.5* more teal mounting surface; can be titled forward and backward by2.2.5* more teal mounting can be titled forward and backward by2.2.5* more teal mounting can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward by2.2* formation products and the surface can be titled forward and backward and backward by2.2* formation products and the surface can be titled forward and backward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can be titled forward and backward and the surface can				
sale-by-side mounting stake by-side mounting width height width depth 107 mm required spacing • with side-by-side mounting — forwards — upwards — downwards — downwards — downwards — for grounded parts — for grounded parts — forwards — upwards — upwards — in many and an	Installation/ mounting/ dimensions			
* side-by-side mounting	mounting position			
Nesign   N	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715		
width depth	side-by-side mounting	Yes		
depth   107 mm   required spacing   with side-ty-side mounting   - farwards   10 mm   - farwards   10 mm   - downwards   10 mm   - downwards   10 mm   - downwards   10 mm   - farwards   10 mm   -	height	102 mm		
required spacing  with side-by-side mounting  — forwards — upwards — to mm — at the side — forwards — to mm — the side — forwards — upwards — forwards — upwards — forwards — upwards — to mm — upwards — the side — downwards — to mm — the side — downwards — to mm — the side — downwards — to mm — for live parts — forwards — upwards — upwards — to mm — for live parts — forwards — upwards — upwards — to mm — the side — downwards — to mm — the side — downwards — to mm — the side — forwards — to mm — the side — forwards — to mm — the side — forwards — the side — forwards — to mm — the side — formalials  type of electrical connection  • for main current circuit • for auxiliary contacts • solid • solid or stranded • finely stranded with core end processing • for walk cables for auxiliary contacts • solid or stranded • finely stranded with core end processing • for walk cables for auxiliary contacts • for main contac	width	45 mm		
with side-by-side mounting  - forwards  - upwards  - downwards  - at the side  of grounded parts  - forwards  - towards  - to man  - the side  - downwards  - to man  of rike parts  - forwards  - towards  - to man  of rike parts  - forwards  - towards  - to man  - to man  - to man current circuit  of or auxiliary and control circuit  of or auxiliary and control circuit  of or auxiliary and control circuit  of solici or stranded  - finely stranded without core and processing  of inney stranded without core and processing  of or without core in proc	depth	107 mm		
forwards upwards	required spacing			
- upwards - downwards - downwards - at the side - forgrounded parts - forwards - upwards - upwards - upwards - at the side - downwards - downwards - downwards - downwards - upwards - forwards - upwards - forwards - upwards - forwards - upwards - the side - downwards - upwards	-			
at the side for grounded parts for live parts for grounded parts for g	•			
• for grounded parts  - forwards  - upwards  - at the side  - downwards  • for live parts  - forwards  • for live parts  - forwards  - upwards  - downwards  - downwards  - downwards  - downwards  - downwards  - at the side  - at the side  - 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 without core end processing  • finely stranded with core end processing  • for auxiliary contacts  - solid or stranded  • finely stranded with core end processing  • for AWG cables for auxiliary contacts  • for main contacts  • for auxiliary contacts  • for main contacts  • for auxiliary contacts  • for auxiliary contacts  •				
		U mm		
- upwards - at the side - downwards • for live parts - forwards • for live parts - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards - downwards - at the side  Connections/Terminals  type of electrical connection • for main current circuit • at contactor for auxillary contacts • of magnlet coil ype of connectable conductor cross-sections for main contacts • solid or stranded • finely stranded with core end processing • 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 without core end processing • finely stranded with core end processing • finely stranded without core end processin		10 mm		
- at the side - downwards - 10 mm - 10				
- downwards • for live parts - forwards - upwards - upwards - downwards - downwards - at the side - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at the side  - at contactor for auxiliary contacts - of main current circuit - at contactor for auxiliary contacts - of magnet coil  type of connectable conductor cross-sections for main contacts - solid - solid or stranded - sinely stranded with core end processing - sinely stranded without core and processing - solid - stranded - sinely stranded with core end processing - stranded with core end processing - stranded with core end processing - stranded sinely stranded with core end processing - stranded - sinely stranded with core end processing - stranded - sinely stranded with core end processing - sinely stranded with core end processing - sinely stranded without core end processing - sinely stranded with core end processing - sinely stranded without core end processing - finely stranded without core end processing - for auxiliary contacts - solid or strander - finely stranded without core end processing - for auxiliary contacts - for auxi	·			
• for live parts — forwards — upwards — downwards — at the side  Connections/ Terminals  type of electrical connection • for axiliary and control circuit • at contactor for axiliary 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 with out core end processing • finely stranded with core end processing • for axiliary contacts  - solid or stranded - finely stranded with core end processing • for axiliary contacts  - solid or stranded - finely stranded with core end processing • for axiliary contacts  - solid or stranded - finely stranded with core end processing • for axiliary contacts  - solid or stranded - finely stranded with core end processing • for axiliary contacts - solid or stranded - finely stranded with core end processing • for axiliary contacts - solid or stranded - finely stranded without core end processing • for axiliary contacts - solid or stranded - finely stranded without core end processing - for axiliary contacts - solid or stranded - finely stranded without core end processing - for axiliary contacts - for axiliary contacts - for axiliary contacts - for axiliary contacts - for axiliary				
forwards upwards upwards downwards at the side for auxiliary and control circuit for auxiliary and control circuit spring-loaded terminals spring-l		IV IIIII		
- upwards - downwards 10 mm 10	·	10 mm		
- downwards - at the side 6 mm  Connections/ Terminals  type of electrical connection  • for main current circuit spring-loaded terminals • for auxillary and control circuit spring-loaded terminals • at contactor for auxillary contacts • of magnet coil spring-type terminals • solid conductor cross-sections for main contacts • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • stranded • finely stranded with 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 with core end processing • finely stranded without core end processing • finely stranded without core end processing • for auxillary contacts  • for auxillary contacts • f				
Tennections/ Terminals  type of electrical connection  of for main current circuit spring-loaded terminals  of main current circuit spring-loaded terminals  of magnet coil spring-type terminals  type of connectable conductor cross-sections for main contacts  osolid solid or stranded  of inely stranded with core end processing  of inely stranded without core end processing  of inely stranded with core end processing  of inely stranded without core end processing  of inely stranded without core end processing  of inely stranded without core end processing  of maxiliary contacts  of or auxiliary contacts	•			
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  • for auxiliary contacts  • solid or stranded  - finely stranded with core end processing  • for auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • for AWG cables for auxiliary contacts  • for AWG cables for auxiliary contacts  • for for AWG cables for auxiliary contacts  • for for auxiliary contacts  • for for auxiliary contacts  • for auxiliary contacts				
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 without core end processing • finely stranded without core end processing • finely stranded with 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 • 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 with core end processing - finely stranded with core end processing - for AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts - for auxi				
• 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 with core end processing • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded without 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 • for auxiliary contacts  - solid or stranded - finely stranded with core end processing - for MWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts  - for auxiliary contacts  - for auxiliary contacts				
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         if nely stranded with core end processing         of finely stranded without core end processing         connectable conductor cross-section for main contacts         is solid		spring-loaded terminals		
• of magnet coil  type of connectable conductor cross-sections for main contacts • solid • solid 2x (1 10 mm²) • finely stranded with core end processing • finely stranded without core end processing 2x (1 6 mm²) • finely stranded without core end processing 2x (1 6 mm²)  connectable conductor cross-section for main contacts • solid • 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  connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • 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 without core end processing - for AWG cables for auxiliary contacts  4 (20 15 mm²)  • for AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts  18 8 • for auxiliary contacts  20 14	for auxiliary and control circuit			
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  • solid  • stranded without core end processing  • solid  • stranded  • finely stranded with core end processing  • solid  • 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  • finely stranded without core end processing  • finely stranded  • finely stranded  • finely stranded with core end processing  • finely stranded without core end processing  • for auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • for AWG cables for auxiliary contacts  • for main contacts  • for main contacts  • for main contacts  • for auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • for main contacts  • for auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • for main contacts  • for auxiliary contacts	•			
solid     solid or stranded     solid or stranded with core end processing     sinely stranded with core end processing     solid     solid     solid or stranded without core end processing     solid     stranded     stranded     stranded     stranded     stranded     sinely stranded with core end processing     solid or stranded     solid or st	of magnet coil	Spring-type terminals		
• solid or stranded     • finely stranded with core end processing     • finely stranded without core end processing     • finely stranded without core end processing     • solid     • stranded     • stranded     • finely stranded with 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     • solid or stranded     • finely stranded with core end processing     • finely stranded with core end processing     • finely stranded without core end processing     • for auxiliary contacts     • solid or stranded     • for auxiliary contacts     • for auxiliary contacts     • for auxiliary contacts     • for auxiliary contacts     • for AWG cables for auxiliary contacts     • for main contacts     • for main contacts     • for main contacts     • for main contacts     • for auxiliary contacts     • for auxil	type of connectable conductor cross-sections for main contacts			
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>2x (1 6 mm²)</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>solid or stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</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>for auxiliary contacts</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>for AWG cables for auxiliary contacts</li> <li>for 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 main contacts</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> </ul>	• solid	2x (1 10 mm²)		
• finely stranded without core end processing     connectable conductor cross-section for main contacts     • solid	<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  • solid or stranded  • finely stranded with core end processing  • solid or stranded  • finely stranded with core end processing  • solid or stranded  • 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  • for auxiliary contacts  — solid or stranded  — finely stranded with core end processing  2x (0.5 2.5 mm²)  — finely stranded with core end processing  — finely stranded without core end processing  • for 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	<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 6 mm²)		
solid     stranded     stranded     stranded     stranded	finely stranded without core end processing	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>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>for auxiliary contacts</li> <li>solid or stranded</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>finely stranded with core end processing</li> <li>for AWG cables for auxiliary contacts</li> <li>for AWG number as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts&lt;</li></ul>	connectable conductor cross-section for main contacts			
<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 AWG cables for auxiliary contacts</li> <li>for 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	• 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     • 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 with core end processing     — finely stranded without core end processing     — finely stranded without core end processing     — for AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section     • for main contacts     • for auxiliary contacts  • for auxiliary contacts  18 8 • for auxiliary contacts  20 14  Safety related data	• stranded			
connectable conductor cross-section for auxiliary contacts  • solid or stranded  • 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  - solid or stranded  - finely stranded with core end processing  - finely stranded without core end processing  - finely stranded without core end processing  - for 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				
<ul> <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>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>for AWG cables for auxiliary contacts</li> <li>for 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	, i i	1 6 mm²		
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>0.5 2.5 mm²</li> </ul> type of connectable conductor cross-sections <ul> <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>for AWG cables for auxiliary contacts</li> <li>for main contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> </ul> Safety related data <ul> <li>0.5 2.5 mm²</li> <li>2x (0.5 2.5 mm²)</li> <li>2x (0.5 2.5 mm²)</li> <li>2x (20 14)</li> </ul> AWG number as coded connectable conductor cross section <ul> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>20 14</li> </ul> Safety related data				
finely stranded without core end processing  type of connectable conductor cross-sections         of rauxiliary contacts				
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 2x (0.5 2.5 mm²)  — for AWG cables for auxiliary contacts 2x (20 14)  AWG number as coded connectable conductor cross section  • for main contacts • for auxiliary contacts 20 14  Safety related data				
<ul> <li>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>for AWG cables for auxiliary contacts</li> <li>for AWG number as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts</li> </ul> </li> <li>18 8</li> <li>for auxiliary contacts</li> <li>20 14</li> </ul> <li>Safety related data</li>		U.5 ∠.5 mm²		
<ul> <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 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				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables for auxiliary contacts</li> <li>for mumber as coded connectable conductor cross section</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>18 8</li> <li>for auxiliary contacts</li> <li>20 14</li> </ul>	•	2v (0.5 2.5 mm²)		
<ul> <li>— finely stranded without core end processing         <ul> <li>o for AWG cables for auxiliary contacts</li> <li>d (20 14)</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>o for main contacts</li> <li>o for auxiliary contacts</li> <li>d (20 14)</li> </ul> </li> <li>Safety related data</li> </ul>				
for AWG cables for auxiliary contacts  AWG number as coded connectable conductor cross section      for main contacts     for auxiliary contacts  Safety related data  2x (20 14)  18 8  20 14	•			
AWG number as coded connectable conductor cross section  • for main contacts • for auxiliary contacts  20 14  Safety related data	•			
<ul> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>Safety related data</li> </ul>	AWG number as coded connectable conductor cross			
• for auxiliary contacts  20 14  Safety related data		18 8		
Safety related data				
DECOUNCE HUNCHOR	product function			

<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	Yes
<ul> <li>positively driven operation according to IEC 60947-5-1</li> </ul>	No
B10 value with high demand rate according to SN 31920	450 000
proportion of dangerous failures	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	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
suitability for use	
<ul> <li>safety-related switching on</li> </ul>	Yes
<ul> <li>safety-related switching OFF</li> </ul>	Yes

## Certificates/ approvals

#### **General Product Approval**





Confirmation



<u>KC</u>





Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report

### 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=3RT2026-2DB40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-2DB40

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

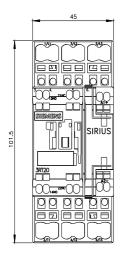
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2DB40

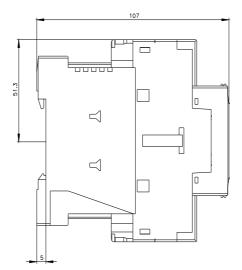
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

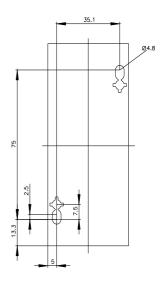
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2026-2DB40\&lang=en}}$ 

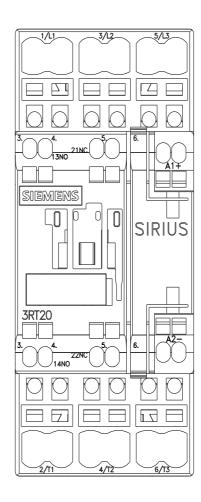
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2DB40/cha

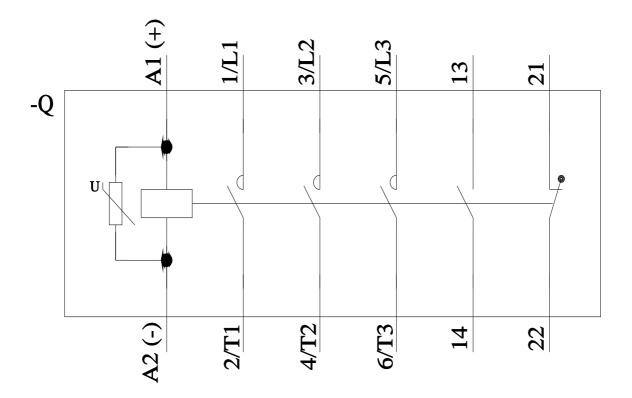
Further characteristics (e.g. electrical endurance, switching frequency)











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