SIEMENS

Data sheet

3RT2025-2NP30



power contactor, AC-3 17 A, 7.5 kW / 400 V 1 NO + 1 NC, AC (50-60 Hz) DC operation 200-280 V AC/DC, 3-pole, Size S0, Spring-type terminal

product brand name SIRUS product designation Power contactor product type designation SRT2 Central technical data SS size of contactor SS product extension No • auxiliary switch Yes power loss [M] for rated value of the current 1.8 W • at AC in hot operating state prole 0.6 W • at AC in hot operating state prole 0.6 W • of main circuit with degree of pollution 3 rated value 690 V • of main circuit with degree of pollution 3 rated value 690 V • of auxiliary circuit with degree of solution 3 rated value 6 kV • of auxiliary circuit rated value 6 kV • al AC 1.8 g / 5 ms, 7.5g / 10 ms • al AC 11.8 g / 5 ms, 7.4g / 10 ms • al AC 12 g / 5 ms, 7.4g / 10 ms • al AC 10 000 000 • of contactor typical 10 000 000 • of the contactor with add		
product type designation 3RT2 General technical data size of contactor size of contactor S0 product extension No • auxiliary switch Yes power loss [W] for rated value of the current 1.8 W • at AC in hot operating state per pole 0.6 W • of main circuit with degree of pollution 3 rated value 690 V • of main circuit with degree of pollution 3 rated value 690 V • of main circuit with degree of pollution 3 rated value 690 V • of main circuit rated value 6 kV • of main circuit rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of main circuit rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of main circuit rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of auxiliary circuit rated value 6 kV • at AC 10 g/ 5 ms, 7,5g / 10 ms </td <td>product brand name</td> <td>SIRIUS</td>	product brand name	SIRIUS
General technical data S0 size of contactor S0 product extension function module for communication auxiliary switch at AC in hot operating state at AC in hot operating state per pole of main circuit 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 with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 4 rated value of auxiliary circuit with degree of pollution 5 rated value of auxiliary circuit with degree of pollution 5 rated value of auxiliary circuit with degree of pollution 5 rated value of auxiliary circuit with degree of pollution 9 rated value of auxiliary circuit with degree of pollution 9 rated value of auxiliary circuit with degree of pollution 9 rated value of auxiliary circuit with degree of pollution 9 rated value tak at AC bock resistance with sine pulse at AC at AC at AC at AC boch contactor with added electronically optim	product designation	Power contactor
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• at DC 15g / 5 ms, 10g / 10 ms mechanical service life (switching cycles) 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 5 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C	shock resistance with sine pulse	
mechanical service life (switching cycles) 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 5 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m ambient temperature -25 +60 °C	• at AC	11,8g / 5 ms, 7,4g / 10 ms
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Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C	Substance Prohibitance (Date)	10/01/2009
ambient temperature • during operation -25 +60 °C	Ambient conditions	
• during operation -25 +60 °C	installation altitude at height above sea level maximum	2 000 m
	ambient temperature	
• during storage -55 +80 °C	during operation	-25 +60 °C
	during storage	-55 +80 °C

relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30	95 %
maximum	
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 	40 A
rated value	
• at AC-1	40 A
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C	35 A
rated value	
• at AC-3	
— at 400 V rated value	17 A
— at 500 V rated value	17 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	17 A
— at 500 V rated value	17 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 	14.1 A
● at AC-6a	
 — up to 230 V for current peak value n=20 rated value 	11.4 A
 — up to 400 V for current peak value n=20 rated value 	11.4 A
— up to 500 V for current peak value n=20 rated value	11.4 A
— up to 690 V for current peak value n=20 rated value	11.3 A
• at AC-6a	704
 — up to 230 V for current peak value n=30 rated value 	7.6 A
— up to 400 V for current peak value n=30 rated value	7.6 A
— up to 500 V for current peak value n=30 rated value	7.6 A
— up to 690 V for current peak value n=30 rated value	7.6 A - 10 mm²
minimum cross-section in main circuit at maximum AC-1 rated value	
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	7.7 A
• at 690 V rated value	7.7 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	35 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 110 V rated value	35 A
— at 220 V rated value	5 A

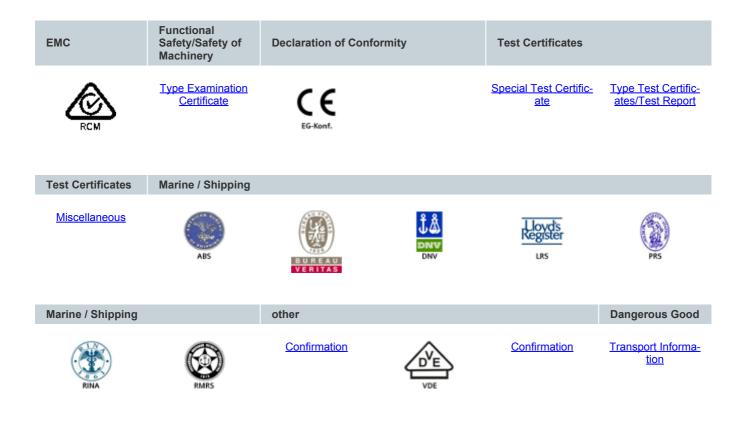
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	20 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
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 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	
with 3 current paths in series at DC-3 at DC-5 — at 24 V rated value	35 A
— at 24 V rated value — at 110 V rated value	35 A 35 A
— at 220 V rated value	35 A 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	4 kW
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 230 V rated value	4 kW
— at 400 V rated value	4.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles	
at AC-4	2 E MM
at 400 V rated value	3.5 kW
• at 690 V rated value	6 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	4.5 kVA
• up to 400 V for current peak value n=20 rated value	7.8 kVA
• up to 500 V for current peak value n=20 rated value	9.9 kVA
• up to 690 V for current peak value n=20 rated value	13.6 kVA
operating apparent power at AC-6a	
 up to 230 V for current peak value n=30 rated value 	3 kVA
 up to 400 V for current peak value n=30 rated value 	5.2 kVA
 up to 500 V for current peak value n=30 rated value 	6.6 kVA
 up to 690 V for current peak value n=30 rated value 	9.1 kVA
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	225 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	225 A; Use minimum cross-section acc. to AC-1 rated value
	180 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	
 limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum 	115 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 30 s switching at zero current maximum	
_	115 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum 	115 A; Use minimum cross-section acc. to AC-1 rated value

operating frequency	
● at AC-1 maximum	1 000 1/h
● at AC-2 maximum	1 000 1/h
 at AC-3 maximum 	1 000 1/h
 at AC-3e maximum 	1 000 1/h
● at AC-4 maximum	300 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
• at 50 Hz rated value	200 280 V
• at 60 Hz rated value	200 280 V
control supply voltage at DC	
rated value	200 280 V
operating range factor control supply voltage rated value of magnet coil at DC	
initial value	0.7
● full-scale value	1.1
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.7 1.1
• at 60 Hz	0.7 1.1
design of the surge suppressor	with varistor
inrush current peak	25 A
duration of inrush current peak	30 µs
locked-rotor current mean value	0.1 A
locked-rotor current peak	0.13 A
duration of locked-rotor current	180 ms
holding current mean value	17 mA
apparent pick-up power of magnet coil at AC	
● at 50 Hz	12.7 VA
• at 60 Hz	14.7 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.98
• at 60 Hz	0.98
apparent holding power of magnet coil at AC	0.01/4
• at 50 Hz	3.9 VA
• at 60 Hz	4.3 VA
inductive power factor with the holding power of the coil	0.54
• at 50 Hz	0.51
• at 60 Hz	0.56
closing power of magnet coil at DC	14.3 W
holding power of magnet coil at DC	1.9 W
closing delay	50 - 00 mg
• at AC	50 80 ms
• at DC	50 75 ms
opening delay	20 E0 mg
• at AC	30 50 ms 30 50 ms
e at DC arcing time	30 50 ms 10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
control version of the switch operating mechanism Auxiliary circuit	Standard A1 - A2
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact	Standard A1 - A2 1
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact instantaneous contact	Standard A1 - A2 1 1
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum	Standard A1 - A2 1
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	Standard A1 - A2 1 1 10 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value	Standard A1 - A2
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	Standard A1 - A2 1 1 10 A

at 690 V rated value	
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	14 A
at 600 V rated value	17 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	1 hp
— at 230 V rated value	3 hp
 for 3-phase AC motor 	
— at 200/208 V rated value	3 hp
— at 220/230 V rated value	5 hp
— at 460/480 V rated value	10 hp
— at 575/600 V rated value	15 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: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA)
— with type of assignment 2 required	gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA)
	aC : 10 A (500 V 1 kA)
 for short-circuit protection of the auxiliary switch 	gG: 10 A (500 V, 1 kA)
 for short-circuit protection of the auxiliary switch required 	gG: 10 A (500 V, 1 kA)
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	
 for short-circuit protection of the auxiliary switch required 	+/-180° rotation possible on vertical mounting surface; can be tilted
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method iside-by-side mounting	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth 	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting 	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards 	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards	 +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm 10 mm 10 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards — upwards — at the side	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting _ forwards _ upwards _ downwards _ at the side • for grounded parts	 +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm 0 mm 0 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting - forwards - upwards - at the side • for grounded parts - forwards - forwards	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm 10 mm 10 mm 10 mm
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards upwards at the side for grounded parts forwards upwards forwards upwards upwards for grounded parts upwards upwards 	 +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards upwards at the side for grounded parts forwards upwards upwards at the side for yards upwards at the side for yards at the side 	 +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm 0 mm 10 mm 6 mm
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width depth required spacing • with side-by-side mounting – forwards – upwards – at the side – forwards – upwards – at the side – downwards – downwards – at the side – downwards	 +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards upwards at the side for grounded parts forwards upwards upwards at the side for yards upwards at the side for yards at the side 	 +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 102 mm 45 mm 107 mm 10 mm 10 mm 0 mm 10 mm 6 mm

— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	spring-loaded terminals
 for auxiliary and control circuit 	spring-loaded terminals
 at contactor for auxiliary contacts 	Spring-type terminals
of magnet coil	Spring-type terminals
type of connectable conductor cross-sections	
• for main contacts	
— solid	$2x (1 10 \text{ mm}^2)$
— solid or stranded	$2x (1 10 \text{ mm}^2)$
 finely stranded with core end processing finely stranded without core and processing 	$2x (1 6 mm^2)$
 finely stranded without core end processing at AWG cables for main contacts 	2x (1 6 mm²) 2x (18 8)
connectable conductor cross-section for main	ZX (10 0)
contacts	
• solid	1 10 mm²
stranded	1 10 mm²
 finely stranded with core end processing 	1 6 mm²
 finely stranded without core end processing 	1 6 mm²
connectable conductor cross-section for auxiliary contacts	
 solid or stranded 	0.5 2.5 mm²
 finely stranded with core end processing 	0.5 1.5 mm²
 finely stranded without core end processing 	0.5 2.5 mm²
type of connectable conductor cross-sections	
 for auxiliary contacts 	
— solid or stranded	2x (0.5 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
— finely stranded without core end processing	2x (0.5 2.5 mm ²)
at AWG cables for auxiliary contacts	2x (20 14)
AWG number as coded connectable conductor cross section	
for main contacts	18 8
 for auxiliary contacts 	20 14
Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes
B10 value with high demand rate according to SN 31920	450 000
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 у
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529 suitability for use	finger-safe, for vertical contact from the front
safety-related switching OFF	Yes
Certificates/ approvals	
General Product Approval	
Confirmation CSA	

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Further information

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=3RT2025-2NP30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2025-2NP30

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-2NP30

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2025-2NP30&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-2NP30/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2025-2NP30&objecttype=14&gridview=view1

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