SIEMENS

Data sheet 3RT2017-1BP41



power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 230 V DC, auxiliary contacts: 1 NO, screw terminal, size: S00 $\,$

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S00
product extension	
 function module for communication 	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	1.5 W
 at AC in hot operating state per pole 	0.5 W
 without load current share typical 	4 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of auxiliary circuit with degree of pollution 3 rated value 	690 V
surge voltage resistance	
of main circuit rated value	6 kV
 of auxiliary circuit rated value 	6 kV
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	7.3g / 5 ms, 4.7g / 10 ms
shock resistance with sine pulse	
• at DC	11,4g / 5 ms, 7,3g / 10 ms
mechanical service life (operating cycles)	
of contactor typical	30 000 000
 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
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	
 during operation 	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	

3
690 V
690 V
22 A
22 A
20 A
12 A
9.2 A
6.7 A
12 A
9.2 A
6.7 A
8.5 A
19.4 A
9.9 A
9.9 A
7.0 A
7.2 A
7.2 A
7.2 A
6.7 A
4.8 A
4.8 A
4.8 A
4.8 A
4 mm ²
4.1 A
3.3 A
20 A
20 A 20 A
20 A
20 A 2.1 A
20 A 2.1 A 0.8 A
20 A 2.1 A 0.8 A 0.6 A
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20 A 2.1 A 0.8 A 0.6 A 0.6 A 20 A 20 A 21 A 1.6 A 0.8 A 0.7 A 20 A 20 A 20 A 20 A 20 A 20 A
20 A 2.1 A 0.8 A 0.6 A 0.6 A 20 A 20 A 20 A 12 A 1.6 A 0.8 A 0.7 A

— at 24 V rated value	20 A
— at 60 V rated value	0.5 A
— at 110 V rated value	0.15 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 110 V rated value	0.35 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	1.5 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.2 A
operating power	
 at AC-2 at 400 V rated value 	5.5 kW
• at AC-3	
— at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
• at AC-3e	
— at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
operating power for approx. 200000 operating cycles at AC-	
4	
 at 400 V rated value 	2 kW
 at 690 V rated value 	2.5 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	2.8 kVA
• up to 400 V for current peak value n=20 rated value	4.9 kVA
up to 500 V for current peak value n=20 rated value	6.2 kVA
• up to 690 V for current peak value n=20 rated value	8 kVA
operating apparent power at AC-6a	
up to 230 V for current peak value n=30 rated value	1.9 kVA
up to 400 V for current peak value n=30 rated value	3.3 kVA
up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value	4.1 kVA
·	5.7 kVA
up to 690 V for current peak value n=30 rated value short time withstand current in cold operating state up to	V. I KVA
short-time withstand current in cold operating state up to 40 °C	
limited to 1 s switching at zero current maximum	200 A; Use minimum cross-section acc. to AC-1 rated value
Iimited to 5 s switching at zero current maximum	123 A; Use minimum cross-section acc. to AC-1 rated value
limited to 10 s switching at zero current maximum	96 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	74 A; Use minimum cross-section acc. to AC-1 rated value
Ilmited to 50's switching at zero current maximum Imited to 60's switching at zero current maximum	61 A; Use minimum cross-section acc. to AC-1 rated value
	OTA, OSE IIIIIIIIIIIIII GOSS-SECLIOII ACC. LO AC-TTALEU VAIUE
no-load switching frequency	10 000 1/b
• at DC	10 000 1/h
operating frequency	4.000.4/b
• 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	230 V
operating range factor control supply voltage rated value of	
magnet coil at DC	
 initial value 	0.8

full-scale value	1.1
closing power of magnet coil at DC	4 W
holding power of magnet coil at DC	4 W
closing delay	
• at DC	30 100 ms
opening delay	
• at DC	7 13 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NO contacts for auxiliary contacts instantaneous	1
contact	40.4
operational current at AC-12 maximum	10 A
operational current at AC-15	10 A
 at 230 V rated value at 400 V rated value 	10 A 3 A
at 400 V rated value at 500 V rated value	2 A
at 500 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 at 48 V rated value	6 A
at 60 V rated value at 60 V rated value	6 A
at 110 V rated value at 110 V rated value	3 A
at 175 V rated value at 125 V rated value	2 A
at 220 V rated value	1A
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	1A
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	11 A
• at 600 V rated value	11 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 110/120 V rated value	0.5 hp
— at 230 V rated value	2 hp
• for 3-phase AC motor	
— at 200/208 V rated value	3 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	7.5 hp
— at 575/600 V rated value	10 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
 for short-circuit protection of the main circuit 	
 — with type of coordination 1 required 	gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
 — with type of assignment 2 required 	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)
for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
side-by-side mounting	Yes
height	58 mm

product function	width	45 mm
• with side by side mounting	depth	73 mm
- convarids	required spacing	
- upwards - downwards - 10 mm	 with side-by-side mounting 	
- downwards - at the side - 0 mm - 0	— forwards	10 mm
- at the side	— upwards	10 mm
	— downwards	10 mm
- forwards	— at the side	0 mm
- upwards - at the side - at the side - downwards - 10 mm - at the side - downwards - 10 mm - at the side - downwards - 10 mm - at the side - at contactor for auxiliary contacts - of magnet coil - at contactor for auxiliary contacts - at contactor for auxiliary contacts - at contactor for auxiliary contacts - solid - stranded - solid or stranded - solid or stranded - at the side - at the sid	 for grounded parts 	
- at the side - downwards 10 mm - downwards 5 for live parts - forwards 10 mm - forwards 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 5 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - down	— forwards	10 mm
• for live parts - forwards - forwards - upwards - downwards - at the side - downwards - at the side - for main current circuit - for nain current circuit - for auxiliary and control circuit - for auxiliary contacts - solid - solid or stranded - solid or stranded - solid or stranded - sinely stranded with core end processing - sinely stranded with core end processing - solid or stranded - sinely stranded with core end processing - sinely stranded with core	— upwards	10 mm
• for live parts — forwards — upwards — at the side — at the side — at the side — one of terminals Type of electrical connection • for main unrent circuit • for awailary and control circuit • at contactor for auxiliary contacts • of magnetic oil Screw-type terminals 1 ype of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • solid • standed • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • 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	— at the side	6 mm
- forwards	— downwards	10 mm
- upwards	for live parts	
downwards at the side 6 mm For nanicutors (Torminals) Type of electrical connection • for main current circuit screw-type terminals • at contactor for auxiliary contacts • all contactor for auxiliary contacts • all contactor for auxiliary contacts • solid • solid or stranded • solid or stranded • finely stranded with core end processing • solid • 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 • 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 • 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 • for nuxiliary contacts • for main contact • for nuxiliary contacts • for province of tunction • mirror contact according to IEC 60947-4-1 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to IEC 60529 • with high demand rate according to IEC 60529 • with high demand rate according to IEC 60529 • with high demand rate according to IEC 60529 • safety-related switching OFF • yes	— forwards	10 mm
- at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contact 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 • 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 • for for auxil	— upwards	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 with core end processing • finely stranded with core end processing connectable conductor cross-section for main contacts • solid or stranded • finely stranded with 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 with core end processing • for auxiliary contacts • 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 • for auxiliary contacts		10 mm
type of electrical connection • for main current circuit screw-type terminals screw-type type type type te		6 mm
• for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil Screw-type terminals • of magnet coil Screw-type terminals		
of ro auxiliary and control circuit at contactor for auxiliary contacts a of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded	type of electrical connection	
• 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 • 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 • 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 • for for main contacts • for main contacts • for for main contact according to IEC 60947-4-1 • finely stranded with core end processing • for for main contact according to SN 31920 • for for main contact according to SN 31920 • for for main contact according to IEC 60529 • with high demand rate according to IEC 60529 • with high demand rate according to IEC 60529 • for to selection on the front according to IEC 60529 • safety-related switching OFF		screw-type terminals
type of connectable conductor cross-sections for main contacts • solid • solid or stranded • sinely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • stranded • stranded • stranded with 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 with core end processing type of connectable conductor cross-sections • for auxiliary contacts - solid or stranded - str	for auxiliary and control circuit	screw-type terminals
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• solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2		Screw-type terminals
• solid or stranded • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid • stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing of connectable conductor cross-sections • for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for one contact according to IEC 60947-4-1 Product function • mirror contact according to IEC 60947-4-1 Solution with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate acc	type of connectable conductor cross-sections for main contacts	
connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing • for auxiliary contacts • for fawliary contacts • for for auxiliary contacts • for fawliary contacts • for auxiliary contacts • for auxiliary contacts • for main contacts • for main contacts • for main contacts • for with contacts • for auxiliary contacts • for with contacts • for with a contact according to IEC 60947-4-1 * For product function • mirror contact according to IEC 60947-4-1 * For yes; with 3RH29 * with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN		
connectable conductor cross-section for main contacts	 solid or stranded 	
• solid • stranded • 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 • 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 AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables for auxiliary contacts - solid or stranded - finely stranded with core end processing • for AWG cables 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 - solid or stranded - sol	·	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
• stranded • finely stranded with core end processing connectable conductor cross-section 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 AWG cables for auxiliary contacts • for for auxiliary contacts • for auxiliary contacts • for main contacts • for auxiliary contacts • fo		
• finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts • for auxiliary contacts • for fawficial contacts • for fawficial contacts • for auxiliary contacts • for auxiliary contacts • for fawficial contacts • for auxiliary contacts • for		
connectable conductor cross-section for auxiliary contacts		
solid or stranded finely stranded with core end processing type of connectable conductor cross-sections		0.5 2.5 mm²
type of connectable conductor cross-sections • for auxiliarry contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliarry contacts — for AWG cables for auxiliarry contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 AWG number as coded connectable conductor cross section • for main contacts • for auxiliarry contacts 20 12 • for auxiliarry contacts 20 12 Product function • mirror contact according to IEC 60947-4-1 Yes; with 3RH29 B10 value with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 100 FIT T1 value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 interval according to IEC 60529 interval according to IEC 60529 suitability for use • safety-related switching OFF Yes	-	
type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts 20 12 • for auxiliary contacts 20 12 3afety related data product function • mirror contact according to IEC 60947-4-1 Yes; with 3RH29 B10 value with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 100 FIT 11 value for proof test interval or service life according to IEC 60529 finger-safe, for vertical contact from the front suitability for use • safety-related switching OFF Yes		
• for auxiliary contacts — solid or stranded — 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 20 12 • with 19h demand rate according to SN 31920 1 000 000 Proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 100 FIT 11 value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 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 Yes	·	0.5 2.5 mm²
- solid or stranded - 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 20 12 Product function • mirror contact according to IEC 60947-4-1 B10 value with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 100 FIT 11 value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 • safety-related switching OFF Yes		
- finely stranded with core end processing	•	0 (05 45 3) 0 (075 05 3) 0 4 3
• for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts • for auxiliary contacts • mirror contact according to IEC 60947-4-1 • mirror contact according to IEC 60947-4-1 • Mirror contact according to SN 31920 • with lip demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with lip demand rate according to SN 31920 • with lip demand rate according to SN 31920 • With lip demand rate according to SN 31920 • With low demand rate according to SN 31920		
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• for auxiliary contacts Safety related data product function		
• for auxiliary contacts Safety related data product function	for main contacts	20 12
product function		
product function	Safety related data	
 mirror contact according to IEC 60947-4-1 Yes; with 3RH29 B10 value with high demand rate according to SN 31920 with low demand rate according to SN 31920 with high 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 failure 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 finger-safe, for vertical contact from the front suitability for use safety-related switching OFF 		
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 failure rate [FIT] with low demand rate according to SN 31920 100 FIT 11 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 finger-safe, for vertical contact from the front suitability for use • safety-related switching OFF Yes		Yes; with 3RH29
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 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 ● safety-related switching OFF Yes	-	
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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 finger-safe, for vertical contact from the front suitability for use • safety-related switching OFF Yes	-	73 %
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 finger-safe, for vertical contact from the front suitability for use • safety-related switching OFF Yes	·	100 FIT
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 • safety-related switching OFF Yes		20 a
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front suitability for use • safety-related switching OFF Yes		
suitability for use • safety-related switching OFF Yes	protection class IP on the front according to IEC 60529	
• safety-related switching OFF Yes		finger-safe, for vertical contact from the front
·	suitability for use	
Certificates/ approvals		Yes
	Certificates/ approvals	



Confirmation





<u>KC</u>



Functional EMC Safety/Safety of Machinery

Declaration of Conformity

Test Certificates



Type Examination Cer**tificate**





Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>

Marine / Shipping













Marine / Shipping

other

Railway

Dangerous Good

Environment



Confirmation



Vibration and Shock

Transport Information

Environmental Con**firmations**

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,...)

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2017-1BP41

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-1BP41

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

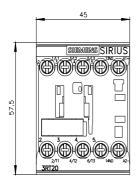
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2017-1BP41&lang=en

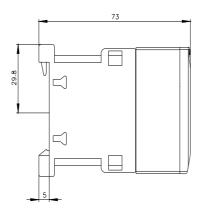
Characteristic: Tripping characteristics, I2t, Let-through current

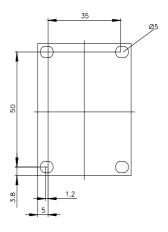
https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1BP41/char

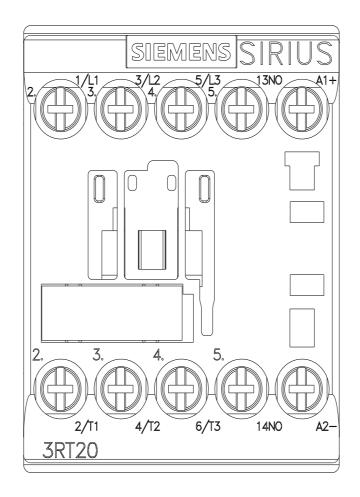
Further characteristics (e.g. electrical endurance, switching frequency)

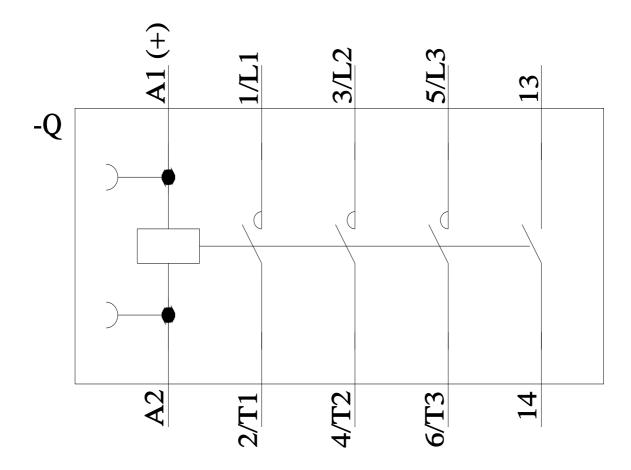
3RT2017-1BP41&objecttype=14&gridview=view1











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