SIEMENS

Data sheet 3RT2015-2BB41



power contactor, AC-3e/AC-3, 7 A, 3 kW / 400 V, 3-pole, 24 V DC, auxiliary contacts: 1 NO, spring-loaded 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 	0.6 W
 at AC in hot operating state per pole 	0.2 W
without load current share typical	4 W
type of calculation of power loss depending on pole	quadratic
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	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at DC	10,5g / 5 ms, 6,6g / 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 %
Environmental footprint	

Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	153 kg
Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing	1.42 kg
Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation	152 kg
Global Warming Potential [CO2 eq] after end of life	-0.305 kg
Main circuit	-0.000 kg
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	. •
at AC-3 rated value maximum	690 V
at AC-3e rated value maximum	690 V
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	18 A
• at AC-1	
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	18 A
— up to 690 V at ambient temperature 60 °C rated value	16 A
• at AC-3	7.4
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
at AC-3e— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
at AC-4 at 400 V rated value	6.5 A
• at AC-5a up to 690 V rated value	15.8 A
at AC-5b up to 400 V rated value	5.8 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	4 A
— up to 400 V for current peak value n=20 rated value	4 A
— up to 500 V for current peak value n=20 rated value	3.8 A
— up to 690 V for current peak value n=20 rated value	3.6 A
• at AC-6a	
 up to 230 V for current peak value n=30 rated value 	2.7 A
 up to 400 V for current peak value n=30 rated value 	2.7 A
— up to 500 V for current peak value n=30 rated value	2.5 A
— up to 690 V for current peak value n=30 rated value	2.4 A
minimum cross-section in main circuit at maximum AC-1 rated value	2.5 mm ²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	2.6 A
at 690 V rated value	1.8 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	1.5 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.42 A
— at 600 V rated value	0.42 A
with 2 current paths in series at DC-1 at 24 V rated value	15 Δ
at 24 V rated value at 60 V rated value	15 A 15 A
— at 110 V rated value — at 110 V rated value	8.4 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.5 A
with 3 current paths in series at DC-1	
- min o ourront patrio in series at DO-1	

at 24 V rated value 19 A 15 A		
	— at 24 V rated value	15 A
	— at 60 V rated value	15 A
	— at 110 V rated value	15 A
- at 15 CV rated value	— at 220 V rated value	15 A
- at 1 current paths at DC-3 at DC-5	— at 440 V rated value	0.9 A
	— at 600 V rated value	0.7 A
	• at 1 current path at DC-3 at DC-5	
- with 2 current paths in series at DC-3 at DC-5	— at 24 V rated value	15 A
	— at 60 V rated value	0.35 A
	 with 2 current paths in series at DC-3 at DC-5 	
at 110 V rated value with 3 current paths in series at DC-3 at DC-5 at 24 V rated value at 100 V rated value at 100 V rated value at 100 V rated value at 220 V rated value at 220 V rated value at 230 V rated value at 440 V rated value at 800 V rated value at 800 V rated value at 230 V rated value at 430 V rated value at 440 V rated value at 440 V rated value at 500 V rated value at 690 V roted value at 690 V focurrent peak value n=20 rated value at 690 V focurrent peak value n=20 rated value at 690 V focurrent peak value n=20 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value	— at 24 V rated value	15 A
at 110 V rated value with 3 current paths in series at DC-3 at DC-5 at 24 V rated value at 100 V rated value at 100 V rated value at 100 V rated value at 220 V rated value at 220 V rated value at 230 V rated value at 440 V rated value at 800 V rated value at 800 V rated value at 230 V rated value at 430 V rated value at 440 V rated value at 440 V rated value at 500 V rated value at 690 V roted value at 690 V focurrent peak value n=20 rated value at 690 V focurrent peak value n=20 rated value at 690 V focurrent peak value n=20 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value n=30 rated value at 690 V focurrent peak value		
- with 3 current paths in series at DC-3 at DC-5 - at 24 V rated value - at 160 V rated value - at 110 V rated value - at 220 V rated value - at 440 V rated value - at 440 V rated value - at 440 V rated value - at 600 V for current pack value n-20 rated value - at 600 V for current pack value n-20 rated value - up to 600 V for current pack value n-30 rated value - up to 600 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V for current pack value n-30 rated value - up to 500 V		
		0.2071
	•	15 A
Departing power		
at AC-3		
	— at 600 V rated value	0.14 A
	operating power	
at 400 V rated value	• at AC-3	
- at 500 V rated value - at 690 V rated value - at 690 V rated value - at 690 V rated value - at 230 V rated value - at 400 V rated value - at 400 V rated value - at 690 V rated value	— at 230 V rated value	1.5 kW
	— at 400 V rated value	3 kW
at AC-3e at 230 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at 400 V rated value at 690 V rated value at 690 V rated value at 690 V rated value 1.15 kW operating apparent power at AC-6a up to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value 2.9 kVA short-lime withstand current in cold operating state up to 40 °C ilmited to 1 s switching at zero current maximum ilmited to 5 s switching at zero current maximum ilmited to 50 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 s switching at zero current maximum ilmited to 60 switching frequency ilmited to 60 switching freque	— at 500 V rated value	3 kW
- at 230 V rated value	— at 690 V rated value	4 kW
- at 400 V rated value - at 500 V rated value - at 690 V rated value - at 690 V rated value operating power for approx. 200000 operating cycles at AC-4 * at 400 V rated value * at 690 V rated value * at 690 V rated value * at 690 V rated value * up to 230 V for current peak value n=20 rated value * up to 200 V for current peak value n=20 rated value * up to 500 V for current peak value n=20 rated value * up to 500 V for current peak value n=20 rated value * up to 500 V for current peak value n=20 rated value * up to 500 V for current peak value n=30 rated value * up to 500 V for	• at AC-3e	
- at 500 V rated value	— at 230 V rated value	1.5 kW
- at 500 V rated value	— at 400 V rated value	3 kW
- at 690 V rated value operating power for approx. 200000 operating cycles at AC-4 * at 400 V rated value at 690 V rated value 1.15 kW operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=30 rated value operating apparent power at AC-6a • up to 230 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching frequency • at AC-1 maximum • at AC-2 maximum • at AC-3		3 kW
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• up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • 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 • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • 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 • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 40 s switching at zero current maximum • limited to 40 s switching at zero current maximum • limited to 40 s switching at zero current maximum • limited to 40 s switching at zero current maximum • limited to 40 s switching at zero current maximum • limited to 40 s switching at zero current maximum • limited to 40 s switching at zero current maximum • limited to 4		
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• limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • 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 • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • loo 00 1/h • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum •		Z.J NVM
 limited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum 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 limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum at DC operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-4 maximum at AC-4 maximum at AC-4 maximum 250 1/h 		
 limited to 5 s switching at zero current maximum limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum no-load switching frequency at DC 10 000 1/h operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-4 maximum at AC-4 maximum 250 1/h 		120 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 limited to 60 s switching at zero current maximum limited to 60 s switching frequency at DC 10 000 1/h operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3 maximum at AC-4 maximum at AC-4 maximum at AC-4 maximum 250 1/h 	-	
 limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum no-load switching frequency at DC 10 000 1/h operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-4 maximum at AC-4 maximum 250 1/h 	-	
 limited to 60 s switching at zero current maximum no-load switching frequency at DC 10 000 1/h operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3 maximum at AC-3 emaximum at AC-3 maximum at AC-4 maximum 250 1/h 		
no-load switching frequency 10 000 1/h ● at DC 10 000 1/h operating frequency 1 000 1/h ● at AC-1 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		
● at DC operating frequency ● at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3e maximum • at AC-4 maximum • at AC-4 maximum • at AC-4 maximum 250 1/h		TO A, USE MINIMUM GUSS-SECTION ACC. TO AC-1 Tated Value
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		10 000 1/b
 at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-3e maximum at AC-4 maximum 250 1/h 		10 000 1/11
 at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-3e maximum at AC-4 maximum 250 1/h 		4 000 4/1
 at AC-3 maximum at AC-3e maximum at AC-4 maximum 250 1/h 		
 at AC-3e maximum at AC-4 maximum 250 1/h 		
• at AC-4 maximum 250 1/h	• at AC-3 maximum	750 1/h
	• at AC-3e maximum	750 1/h
Control circuit/ Control		250 1/h
	Control circuit/ Control	

tune of voltage of the central cumply voltage	DC
type of voltage of the control supply voltage 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
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 contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	10 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
• at 690 V rated value	1 A
operational current at DC-12	
at 24 V rated value	10 A
• at 48 V rated value	6 A
at 60 V rated value	6 A
at 110 V rated value	3 A
at 125 V rated value	2 A
at 220 V rated value	1 A
at 600 V rated value	0.15 A
operational current at DC-13	
at 24 V rated value	10 A
at 48 V rated value	2 A
at 60 V rated value	2 A
• at 110 V rated value	1 A
• at 125 V rated value	0.9 A
• at 220 V rated value	0.3 A
at 600 V rated value	0.1 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	4.8 A
at 600 V rated value	6.1 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 110/120 V rated value	0.25 hp
— at 230 V rated value	0.75 hp
• for 3-phase AC motor	
— at 200/208 V rated value	1.5 hp
— at 220/230 V rated value	2 hp
— at 460/480 V rated value	3 hp
— at 575/600 V rated value	5 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	-O-05A (000V 400VA) -M-00A (000V 400VA) -D000 (117V 00VA)
— with type of coordination 1 required	gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
— with type of assignment 2 required	gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)
for short-circuit protection of the auxiliary switch required Solution Control Contr	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
fasterning method fasterning method side-by-side mounting	Yes
<u> </u>	70 mm
height width	45 mm
depth	73 mm
required spacing	
with side-by-side mounting	40
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
for grounded parts	
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	
— 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	. 0).
• for main contacts	
— solid	2x (0.5 4 mm²)
— solid or stranded	2x (0,5 4 mm²)
finely stranded with core end processing	2x (0.5 2.5 mm²)
finely stranded without core end processing	2x (0.5 2.5 mm²)
for AWG cables for main contacts	2x (20 12)
connectable conductor cross-section for main contacts	24 (20 12)
	0.5 4 mm²
• solid	0.5 4 mm²
• stranded	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm ²
finely stranded without core end processing	0.5 2.5 mm²
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 4 mm ²
 finely stranded with core end processing 	0.5 2.5 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 4 mm²)
 finely stranded with core end processing 	2x (0.5 2.5 mm²)
 finely stranded without core end processing 	2x (0.5 2.5 mm²)
 for AWG cables for auxiliary contacts 	2x (20 12)
AWG number as coded connectable conductor cross section	
• for main contacts	20 12
for auxiliary contacts	20 12
afety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes; with 3RH29
suitability for use safety-related switching OFF	Yes; applies only to contactor operating mechanism
proportion of dangerous failures	

 with low demand rate according to SN 31920 	40 %
 with high demand rate according to SN 31920 	73 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
IEC 61508	
T1 value	
 for proof test interval or service life according to IEC 61508 	20 a
Electrical Safety	
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
Approvals Certificates	

General Product Approval







Confirmation





General Product Approval

EMV

Functional Saftey

Test Certificates

<u>KC</u>





Type Examination Certificate

Type Test Certificates/Test Report

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

Test Certificates

Marine / Shipping

Miscellaneous











Marine / Shipping

other

Dangerous Good

Environment





Miscellaneous

Confirmation

Transport Information



Further information

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)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2015-2BB41}$

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2015-2BB41}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2015-2BB41

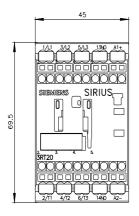
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

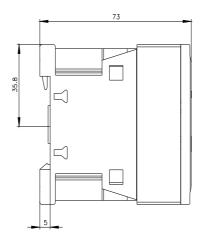
Characteristic: Tripping characteristics, I²t, Let-through current

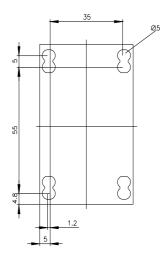
https://support.industry.siemens.com/cs/ww/en/ps/3RT2015-2BB41/char

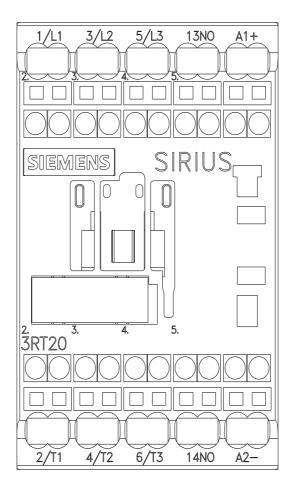
Further characteristics (e.g. electrical endurance, switching frequency)

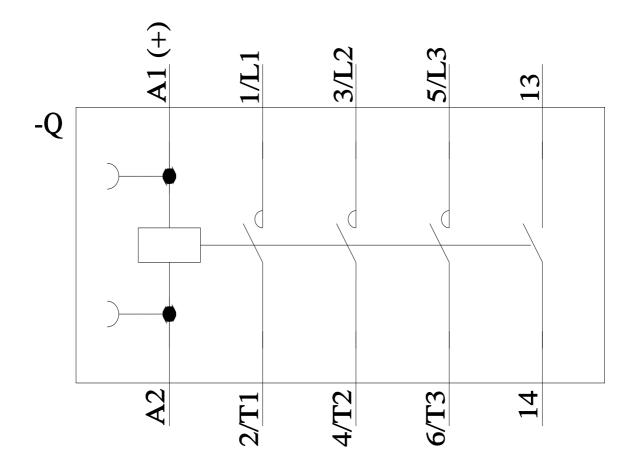
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2015-2BB41&objecttype=14&gridview=view1











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