SIEMENS

Data sheet

3RT2017-2AF02



power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 110 V AC, 50/60 Hz, auxiliary contacts: 1 NC, spring-loaded terminal, size: S00

THE LOC AS				
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 	1.5 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 AC	7,3g / 5 ms, 4,7g / 10 ms			
shock resistance with sine pulse				
• at AC	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			
Weight	0.253 kg			
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	39.6 kg				
global warming potential [CO2 eq] during manufacturing	1.18 kg				
global warming potential [CO2 eq] during operation	38.5 kg				
global warming potential [CO2 eq] after end of life	-0.155 kg				
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 rated value at AC-1 	22 A				
— up to 690 V at ambient temperature 40 °C rated value	22 A				
— up to 690 V at ambient temperature 60 °C rated value	20 A				
• at AC-3					
— at 400 V rated value	12 A				
— at 500 V rated value	9.2 A				
— at 690 V rated value	6.7 A				
• at AC-3e					
— at 400 V rated value	12 A				
— at 500 V rated value	9.2 A				
- at 690 V rated value	6.7 A				
at AC-4 at 400 V rated value	8.5 A 19.4 A				
 at AC-5a up to 690 V rated value at AC-5b up to 400 V rated value 	9.9 A				
• at AC-6a	5.5 A				
 up to 230 V for current peak value n=20 rated value 	7.2 A				
— up to 400 V for current peak value n=20 rated value	7.2 A				
— up to 500 V for current peak value n=20 rated value	7.2 A				
— up to 690 V for current peak value n=20 rated value	6.7 A				
● at AC-6a					
 — up to 230 V for current peak value n=30 rated value 	4.8 A				
— up to 400 V for current peak value n=30 rated value	4.8 A				
 — up to 500 V for current peak value n=30 rated value 	4.8 A				
— up to 690 V for current peak value n=30 rated value	4.8 A				
minimum cross-section in main circuit at maximum AC-1 rated value	4 mm ²				
operational current for approx. 200000 operating cycles at AC-4					
at 400 V rated value	4.1 A				
at 690 V rated value	3.3 A				
operational current					
at 1 current path at DC-1 — at 24 V rated value	20 A				
— at 60 V rated value	20 A 20 A				
— at 100 V rated value	2.1 A				
— at 220 V rated value	0.8 A				
— at 440 V rated value	0.6 A				
— at 600 V rated value	0.6 A				
 with 2 current paths in series at DC-1 					
— at 24 V rated value	20 A				
— at 60 V rated value	20 A				
— at 110 V rated value	12 A				
— at 220 V rated value	1.6 A				
— at 440 V rated value	0.8 A				
— at 600 V rated value	0.7 A				

with 3 current paths in series at DC-1					
— at 24 V rated value	20 A				
— at 60 V rated value	20 A				
— at 110 V rated value	20 A 20 A				
— at 220 V rated value	20 A				
— at 440 V rated value	1.3 A				
— at 600 V rated value	1 A				
 at 1 current path at DC-3 at DC-5 					
— 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-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	2.5 KW				
up to 230 V for current peak value n=20 rated value	2.8 kVA				
• up to 200 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 500 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 200 V for current peak value n=30 rated value	3.3 kVA				
up to 500 V for current peak value n=30 rated value	4.1 kVA				
up to 500 V for current peak value n=30 rated value	5.7 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				
 limited 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 30 s switching at zero current maximum 	74 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 60 s switching at zero current maximum 	61 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency					
• at AC	10 000 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	AC				
control supply voltage at AC					
• at 50 Hz rated value	110 V				
• at 60 Hz rated value	110 V				
operating range factor control supply voltage rated value of					
magnet coil at AC					
• at 50 Hz	0.8 1.1				
• at 60 Hz	0.85 1.1				
apparent pick-up power of magnet coil at AC					
• at 50 Hz	37 VA				
• at 60 Hz	33 VA				
inductive power factor with closing power of the coil • at 50 Hz	0.8				
• at 50 Hz	0.8				
apparent holding power of magnet coil at AC	0.75				
at 50 Hz	5.7 VA				
• at 50 Hz	4.4 VA				
inductive power factor with the holding power of the coil					
• at 50 Hz	0.25				
• at 60 Hz	0.25				
closing delay					
• at AC	9 35 ms				
opening delay					
• at AC	4 15 ms				
arcing time	10 15 ms				
control version of the switch operating mechanism	Standard A1 - A2				
Auxiliary circuit					
number of NC contacts for auxiliary contacts instantaneous contact	1				
aparational aurrant at AC 10 maximum	10 A				
operational current at AC-12 maximum	IVA				
operational current at AC-12 maximum operational current at AC-15					
	10 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value 	10 A 3 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value 	10 A 3 A 2 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value 	10 A 3 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value operational current at DC-12	10 A 3 A 2 A 1 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value operational current at DC-12 • at 24 V rated value	10 A 3 A 2 A 1 A 10 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value 	10 A 3 A 2 A 1 A 10 A 6 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value 	10 A 3 A 2 A 1 A 10 A 6 A 6 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 60 V rated value at 110 V rated value 	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value operational current at DC-12 • at 24 V rated value • at 8 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value 	10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A				
 operational current at AC-15 at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value 	10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 20 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 8 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 8 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 424 V rated value • at 424 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 24 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 8 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 8 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 600 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 48 V rated value • at 60 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 8 V rated value • at 110 V rated value • at 125 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value • at 125 V rated value • at 600 V rated value • at 600 V rated value • at 24 V rated value • at 10 V rated value • at 60 V rated value • at 10 V rated value • at 10 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 2 A 1 A 10 A 2 A 1 A 10 A 2 A 1 A 1 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 24 V rated value • at 25 V rated value • at 110 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 600 V rated value • at 24 V rated value • at 600 V rated value • at 24 V rated value • at 25 V rated value • at 110 V rated value • at 125 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.9 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 24 V rated value • at 25 V rated value • at 10 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 600 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 110 V rated value • at 110 V rated value • at 220 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A C characteristic: 10 A; 0.4 kA				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 48 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value • at 220 V rated value • at 600 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 10 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 60 V rated value • at 20 V rated value • at 20 V rated value • at 60 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A C characteristic: 10 A; 0.4 kA				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 25 V rated value • at 10 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A 0.15 A 10				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 25 V rated value • at 10 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 24 V rated value • at 25 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value • at 20 V rated value • at 220 V rated value • at 200 V rated value • at 200 V rated value • at 400 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 11 A 12 C characteristic: 10 A; 0.4 kA 1 faulty switching per 100 million (17 V, 1 mA)				
operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 25 V rated value • at 10 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 24 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A 0.3 A 0.1 A C characteristic: 10 A; 0.4 kA 1 faulty switching per 100 million (17 V, 1 mA)				

• 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	2 110				
— at 200/208 V rated value	3 hp				
— at 220/230 V rated value	3 hp				
— at 460/480 V rated value					
— at 575/600 V rated value	7.5 hp 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	<u>.</u>				
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and				
	backward by +/- 22.5° on vertical mounting surface				
fastening method side-by-side mounting	Yes				
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715				
height	70 mm				
width	45 mm				
depth	73 mm				
required spacing					
 with side-by-side mounting 					
— 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					
for main contacts					
— solid	2x (0.5 4 mm ²)				
— solid or stranded	2x (0,5 4 mm ²)				
 finely stranded with core end processing 	2x (0.5 2.5 mm²)				
 finely stranded without core end processing 	2x (0.5 2.5 mm ²)				
for AWG cables for main contacts	2x (20 12)				
connectable conductor cross-section for main contacts					
• solid	0.5 4 mm ²				
• 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 mm ²				
 finely stranded without core end processing 	0.5 2.5 mm²				

type of connectable co		IS				
 for auxiliary contact 	ets					
 — solid or stran 	ded		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 section	connectable conduct	tor cross				
 for main contacts 			20 12	2		
 for auxiliary contact 	cts		20 12	2		
afety related data						
product function						
mirror contact according to IEC 60947-4-1		Yes				
 positively driven op 	peration according to IE	EC 60947-5-1	No			
 suitable for safety 	function		Yes			
suitability for use safety-r	elated switching OFF		Yes			
service life maximum			20 a			
test wear-related servic	e life necessary		Yes			
proportion of dangerou	s failures					
	ate according to SN 31	920	40 %			
	rate according to SN 3		73 %			
B10 value with high der			1 000 0	00		
failure rate [FIT] with lo 31920	-		100 FIT			
ISO 13849						
device type according	o ISO 13849-1		3			
overdimensioning acco		necessarv	Yes			
IEC 61508	3	,				
safety device type acco	ording to IEC 61508-2		Туре А			
Electrical Safety	J		71			
protection class IP on t	he front according to	IEC 60529	IP20			
touch protection on the			finger-safe, for vertical contact from the front			
opprovals Certificates				,		
General Product Appro	val					
CCC	CA	<u>Confirmatio</u>	<u>חנ</u>	CE EG-Konf.		<u>KC</u>
General Product Ap- proval	EMV	Test Certificate	es		Marine / Shipping	
EAC	RCM	<u>Special Test Ce</u> ate	<u>ertific-</u>	Type Test Certific- ates/Test Report	ABS	BUREAU VERITAS
Marine / Shipping						other
	Lloyd's Register us	PRS		RINA	RMRS	<u>Miscellaneous</u>
other		Railway		Environment		
Confirmation	Confirmation	<u>Special Test Ce</u> ate	<u>ertific-</u>		Environmental Con- firmations	

1/27/2025

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=3RT2017-2AF02

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-2AF02

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2AF02

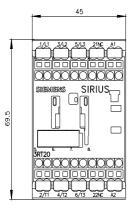
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

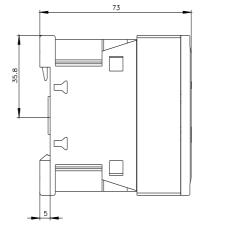
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2017-2AF02&lang=en

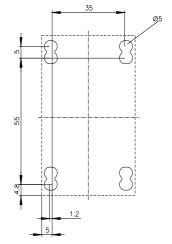
Characteristic: Tripping characteristics, I²t, Let-through current

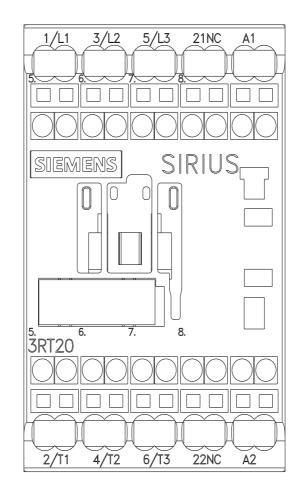
https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2AF02/char

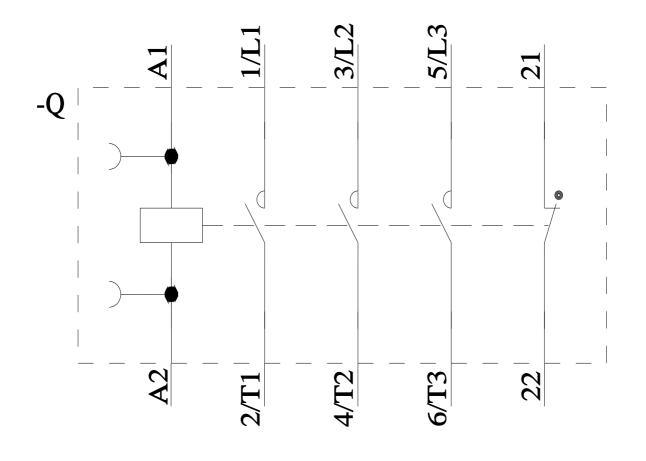
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-2AF02&objecttype=14&gridview=view1











last modified:

1/24/2025 🖸

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