SIEMENS

Data sheet 3RT2038-3AL20



Power contactor, AC-3 80 A, 37 kW / 400 V 1 NO + 1 NC, 230 V AC 50/60 Hz, 3-pole Size S2, Spring-type terminals

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S2
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	17.1 W
at AC in hot operating state per pole	5.7 W
without load current share typical	17.2 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 safe isolation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
at AC	11.8g / 5 ms, 7.4g / 10 ms
shock resistance with sine pulse	
at AC	18.5g / 5 ms, 11.6g / 10 ms
mechanical service life (switching cycles)	
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
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2014
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 %

lain circuit	3		
number of poles for main current circuit	3		
number of NO contacts for main contacts	3		
operating voltage	000.1/		
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	90 A		
rated value			
at AC-1	00.4		
 up to 690 V at ambient temperature 40 °C rated value 	90 A		
— up to 690 V at ambient temperature 60 °C	80 A		
rated value	00 A		
at AC-3			
— at 400 V rated value	80 A		
— at 500 V rated value	80 A		
— at 690 V rated value	58 A		
at AC-3e			
— at 400 V rated value	80 A		
— at 500 V rated value	80 A		
— at 690 V rated value	58 A		
at AC-4 at 400 V rated value	55 A		
at AC-5a up to 690 V rated value	79.2 A		
·	66.4 A		
at AC-5b up to 400 V rated value	00.4 A		
at AC-6a	70.4		
 up to 230 V for current peak value n=20 rated value 	70 A		
— up to 400 V for current peak value n=20 rated	70 A		
value	IVA		
— up to 500 V for current peak value n=20 rated	70 A		
value			
 up to 690 V for current peak value n=20 rated 	58 A		
value			
at AC-6a			
 up to 230 V for current peak value n=30 rated 	46.7 A		
value	40 7 4		
 up to 400 V for current peak value n=30 rated value 	46.7 A		
up to 500 V for current peak value n=30 rated	46.7 A		
value	10.1 11		
— up to 690 V for current peak value n=30 rated	46.7 A		
value			
minimum cross-section in main circuit at maximum AC-1	35 mm²		
rated value			
operational current for approx. 200000 operating			
cycles at AC-4	00.4		
at 400 V rated value	30 A		
at 690 V rated value	24 A		
operational current			
• at 1 current path at DC-1			
— at 24 V rated value	55 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	55 A		
— at 110 V rated value	45 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	55 A		
— at 110 V rated value	55 A		
— at 220 V rated value	45 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	35 A		
— at 110 V rated value	2.5 A		
— at 220 V rated value	1 A		
— at 440 V rated value	0.1 A		
— at 600 V rated value	0.1 A 0.06 A		
with 2 current paths in series at DC-3 at DC-5			
— at 24 V rated value	55 A		
— at 110 V rated value	25 A		
— at 220 V rated value	5 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			
— at 24 V rated value	55 A		
— at 110 V rated value	55 A		
— at 220 V rated value	25 A		
— at 440 V rated value	0.6 A		
— at 600 V rated value	0.6 A 0.35 A		
operating power	0.00 A		
at AC-2 at 400 V rated value	37 kW		
at AC-3	37 KVV		
	22 1411		
— at 230 V rated value	22 kW		
— at 400 V rated value	37 kW		
— at 500 V rated value	37 kW		
— at 690 V rated value	45 kW		
at AC-3e	00.1114		
— at 230 V rated value	22 kW		
— at 400 V rated value	37 kW		
— at 500 V rated value	37 kW		
— at 690 V rated value	45 kW		
operating power for approx. 200000 operating cycles at AC-4			
at 400 V rated value	15.8 kW		
at 690 V rated value	21.8 kW		
operating apparent power at AC-6a	21.0 (()		
up to 230 V for current peak value n=20 rated value	27.8 kVA		
up to 400 V for current peak value n=20 rated value	48.4 kVA		
up to 500 V for current peak value n=20 rated value	60.6 kVA		
up to 690 V for current peak value n=20 rated value	69.3 kVA		
operating apparent power at AC-6a	OO.O KVA		
up to 230 V for current peak value n=30 rated value	18.6 kVA		
up to 400 V for current peak value n=30 rated value	32.3 kVA		
	40.4 kVA		
up to 500 V for current peak value n=30 rated value			
up to 690 V for current peak value n=30 rated value	55.8 kVA		
short-time withstand current in cold operating state up to 40 °C			
limited to 1 s switching at zero current maximum	1 298 A; Use minimum cross-section acc. to AC-1 rated value		
limited to 5 s switching at zero current maximum	898 A; Use minimum cross-section acc. to AC-1 rated value		
limited to 10 s switching at zero current maximum	640 A; Use minimum cross-section acc. to AC-1 rated value		
limited to 30 s switching at zero current maximum	414 A; Use minimum cross-section acc. to AC-1 rated value		
limited to 60 s switching at zero current maximum	333 A; Use minimum cross-section acc. to AC-1 rated value		
no-load switching frequency			
at AC	5 000 1/h		
operating frequency			
at AC-1 maximum	700 1/h		
at AC-2 maximum	350 1/h		
at 110 2 maximalii	oo iii		

at AC 2 maying	500 4/h	
at AC 3a maximum	500 1/h	
at AC-3e maximum	500 1/h	
at AC-4 maximum	150 1/h	
Control circuit/ Control		
type of voltage of the control supply voltage	AC	
control supply voltage at AC		
at 50 Hz rated value	230 V	
at 60 Hz rated value	230 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	210 VA	
at 60 Hz	188 VA	
inductive power factor with closing power of the coil	0.00	
at 50 Hz	0.69	
at 60 Hz	0.65	
apparent holding power of magnet coil at AC	47.0 \/A	
at 50 Hz	17.2 VA	
at 60 Hz	16.5 VA	
inductive power factor with the holding power of the coil		
at 50 Hz	0.36	
at 60 Hz	0.39	
closing delay	4000	
at AC	10 80 ms	
opening delay		
at AC	10 18 ms	
arcing time	10 20 ms	
control version of the switch operating mechanism	Standard A1 - A2	
All villary or out		
Auxiliary circuit		
number of NC contacts for auxiliary contacts instantaneous contact	1	
number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact	1	
number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum		
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	1 10 A	
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	1 10 A 10 A	
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 at 400 V rated value	1 10 A 10 A 3 A	
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 at 400 V rated value at 500 V rated value	1 10 A 10 A 3 A 2 A	
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 at 400 V rated value at 500 V rated value at 690 V rated value	1 10 A 10 A 3 A	
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 at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12	1 10 A 10 A 3 A 2 A 1 A	
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 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	1 10 A 10 A 3 A 2 A 1 A	
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 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	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A	
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 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	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A	
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 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 60 V rated value at 110 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A	
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 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 60 V rated value at 110 V rated value at 125 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A	
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 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 110 V rated value at 125 V rated value at 220 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A	
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 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 48 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 600 V rated value at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A	
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 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 125 V rated value at 220 V rated value at 600 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A	
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 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 at 600 V rated value at 220 V rated value at 600 V rated value at 24 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 2 A 1 A 0.15 A	
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 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 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value at 24 V rated value at 25 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 20 V rated value at 20 V rated value at 20 V rated value at 30 V rated value at 48 V rated value at 48 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7	
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 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 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 25 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 20 V rated value at 20 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 48 V rated value	1 10 A 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	
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 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 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 24 V rated value at 25 V rated value at 26 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 48 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A	
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 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 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 348 V rated value at 48 V rated value at 48 V rated value at 490 V rated value at 110 V rated value at 125 V rated value at 600 V rated value at 600 V rated value at 148 V rated value at 148 V rated value at 148 V rated value at 159 V rated value at 110 V rated value	1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A	
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 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 at 600 V rated value at 600 V rated value at 125 V rated value at 148 V rated value at 148 V rated value at 24 V rated value at 24 V rated value at 25 V rated value at 25 V rated value at 25 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 29 V rated value at 20 V rated value	1 10 A 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 2 A 1 A 0.9 A 0.3 A	
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 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 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 110 V rated value at 24 V rated value at 25 V rated value at 25 V rated value at 25 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 20 V rated value	1 10 A 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 2 A 1 A 0.15 A	
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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 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 24 V rated value at 600 V rated value at 125 V rated value at 125 V rated value at 125 V rated value at 220 V rated value at 24 V rated value at 25 V rated value at 25 V rated value at 25 V rated value at 26 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 10 V rated value at 10 V rated value at 110 V rated value at 125 V rated value at 125 V rated value at 127 V rated value at 128 V rated value at 129 V rated value at 100 V rated value	1 10 A 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 2 A 1 A 0.15 A	
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 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 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 125 V rated value at 125 V rated value at 124 V rated value at 125 V rated value at 125 V rated value at 125 V rated value at 24 V rated value at 25 V rated value at 150 V rated value at 100 V rated value at 125 V rated value	1 10 A 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 2 A 1 A 0.15 A	

at 480 V rated value	65 A	
at 480 V rated value	65 A	
at 600 V rated value	62 A	
yielded mechanical performance [hp] for single-phase AC motor		
— at 110/120 V rated value	5 ho	
— at 110/120 V rated value — at 230 V rated value	5 hp	
for 3-phase AC motor	15 hp	
— at 200/208 V rated value	20 hp	
— at 220/230 V rated value	25 hp	
— at 460/480 V rated value	·	
— at 575/600 V rated value	50 hp 60 hp	
contact rating of auxiliary contacts according to UL	A600 / P600	
Short-circuit protection	7.00071.000	
design of the fuse link		
for short-circuit protection of the main circuit		
with type of coordination 1 required	gG: 250 A (690 V, 100 kA), aM: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 80 kA)	
— with type of assignment 2 required	gG: 160A (690V,100kA), aM: 80A (690V,100kA), BS88: 125A (415V,80kA)	
for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)	
Installation/ mounting/ dimensions		
	+/-180° rotation possible on vertical mounting surface; can be tilted	
mounting position	forward and backward by +/- 22.5° on vertical mounting surface	
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715	
side-by-side mounting	Yes	
height	114 mm	
width	55 mm	
depth	130 mm	
required spacing		
with side-by-side mounting	10 mm	
— forwards — upwards	10 mm 10 mm	
— upwards — downwards	10 mm	
— at the side	0 mm	
for grounded parts	O THEFT	
— 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	screw-type 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 or stranded	2x (1 35 mm²), 1x (1 50 mm²)	
 finely stranded with core end processing 	2x (1 25 mm²), 1x (1 35 mm²)	
at AWG cables for main contacts	2x (18 2), 1x (18 1)	
connectable conductor cross-section for main contacts		
finely stranded with core end processing	1 35 mm²	
connectable conductor cross-section for auxiliary		
<u> </u>		

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 mm²)		
at AWG cables for auxiliary contacts	2x (20 14)		
AWG number as coded connectable conductor cross			
section			
for main contacts	18 1		
for auxiliary contacts	20 14		
Safety related data			
product function			
mirror contact according to IEC 60947-4-1	Yes		
positively driven operation according to IEC 60947-	No		
5-1			
B10 value with high demand rate according to SN 31920	1 000 000		
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 y		
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		
Certificates/ approvals			

General Product Approval





Confirmation



<u>KC</u>



Functional EMC Safety/Safety of Declaration of Conformity Test Certificates Machinery	EMC	, ,	Declaration of Conformity	Test Certificates
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Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping













Marine / Shipping other Railway Dangerous Good



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=3RT2038-3AL20

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2038-3AL20}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2038-3AL20

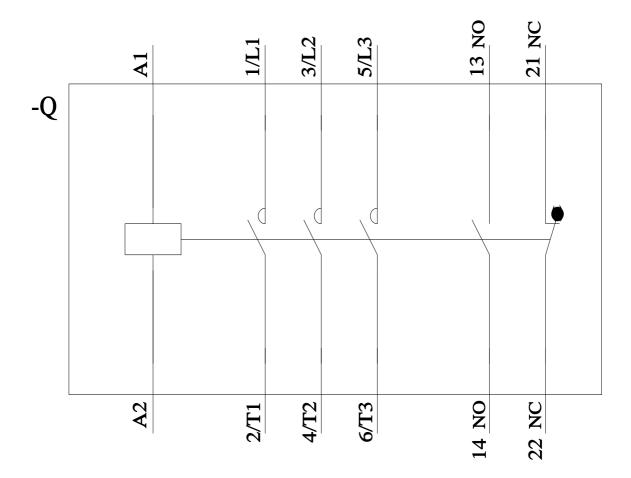
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2038-3AL20&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2038-3AL20/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2038-3AL20&objecttype=14&gridview=view1



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