SIEMENS

Data sheet

3RT2038-1AG60



power contactor, AC-3e/AC-3, 80 A, 37 kW / 400 V, 3-pole, 100 V AC, 50 Hz / 100-110 V, 60 Hz, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S2 $\,$

product brand nameSIRIUSproduct designationPower contactorproduct type designation3RT2Gonaral technical dataS2product extensionS2itunction module for communicationNo• function module for communicationYespower loss [W] for rated value of the current5.7 W• at AC in hot operating state per pole5.7 W• at AC in hot operating state per pole5.7 W• at AC in hot operating state per pole5.6 W• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of main circuit with degree of pollution 3 rated value640 V• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value700 V• of the contactor with sine pulse11.8g / 5 ms, 7.4g / 10 ms• at AC11.8g / 5 ms, 11.6g / 10 ms• at AC10 000 000• of the contactor with added electronically optimized auxiliary switch block typical10 000 000• of the contactor with added electronically
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of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical 10 000 000
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 95 % maximum
Main circuit
number of poles for main current circuit 3

number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
 at AC-3e rated value maximum 	690 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated	90 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	90 A
— up to 690 V at ambient temperature 60 °C rated	80 A
value	
• 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
 at AC-5b up to 400 V rated value at AC-6a 	66.4 A
	70 A
— 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 500 V for current peak value n=20 rated value 	70 A 70 A
— up to 500 V for current peak value n=20 rated value	58 A
• at AC-6a	50 A
 up to 230 V for current peak value n=30 rated value 	46.7 A
— up to 200 V for current peak value n=30 rated value	46.7 A
— up to 500 V for current peak value n=30 rated value	46.7 A
— up to 690 V for current peak value n=30 rated value	46.7 A
minimum cross-section in main circuit at maximum AC-1 rated	35 mm ²
value	
operational current for approx. 200000 operating cycles at AC-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 60 V rated value	23 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 60 V rated value	45 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 60 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 60 V rated value	6 A
— at 220 V rated value	1 A
— at 440 V rated value	0.1 A
— at 600 V rated value	0.06 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	55 A
— at 60 V rated value	45 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 60 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	0.35 A
operating power	
at AC-2 at 400 V rated value	37 kW
• at AC-3	
- at 230 V rated value	22 kW
— at 200 V rated value	37 kW
	37 KW
- at 500 V rated value	
— at 690 V rated value	45 kW
• at AC-3e	
- 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	
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
	69.3 kVA
up to 690 V for current peak value n=20 rated value	00.0 KVA
operating apparent power at AC-6a	18.6 kV/A
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
up to 500 V for current peak value n=30 rated value	40.4 kVA
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
	350 1/h
• at AC-2 maximum	
• at AC-3 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	100 V
• at 60 Hz rated value	100 110 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	212 VA
• at 60 Hz	188 VA
inductive power factor with closing power of the coil	
● at 50 Hz	0.69
• at 60 Hz	0.65
apparent holding power	
at minimum rated control supply voltage at AC — at 60 Hz	17.2 VA
at maximum rated control supply voltage at AC	
- at 60 Hz	17.2 VA
apparent holding power of magnet coil at AC	
• at 50 Hz	18.5 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	
• at AC	10 80 ms
opening delay	
• at AC	10 18 ms
arcing time	10 20 ms
	Chandrad A1 A2
control version of the switch operating mechanism	Standard A1 - A2
control version of the switch operating mechanism Auxiliary circuit	Standard AT - Az
	1
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous	
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous	1
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact	1
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum	1
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	1 1 10 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value	1 1 10 A 10 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value	1 1 10 A 10 A 3 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value	1 1 10 A 10 A 3 A 2 A 1 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value	1 1 10 A 10 A 3 A 2 A 1 A 10 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • 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 24 V rated value • at 48 V rated value	1 1 10 A 10 A 2 A 1 A 10 A 6 A
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Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 500 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 24 V rated value • at 24 V rated value • at 20 V rated value • at 20 V rated value • at 20 V rated value • at 210 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	1 1 10 A 10 A 10 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • 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 48 V rated value • at 60 V rated value • at 24 V rated value • at 60 V rated value • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value	1 1 10 A 10 A 10 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 10 A 1
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	1 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 10
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 at 230 V rated value at 400 V rated value at 690 V rated value at 690 V rated value at 690 V rated value at 24 V rated value at 110 V rated value at 110 V rated value at 110 V rated value at 220 V rated value at 24 V rated value at 24 V rated value at 24 V rated value at 60 V rated value at 60 V rated value at 110 V rated value at 220 V rated value at 220 V rated value at 24 V rated value at 48 V rated value at 24 V rated value 	1 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 10
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 690 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 125 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 220 V rated value • at 600 V rated value • at 48 V rated value • at 60 V rated value	1 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 10
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • 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 60 V rated value • at 60 V rated value • at 60 V rated value • at 10 V rated value • at 220 V rated value • at 600 V rated value • at 48 V rated value • at 48 V rated value • at 48 V rated value • at 60 V rated value • at 400 V rated value • at 400 V rated value	1 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 10
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • 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 60 V rated value • at 24 V rated value • at 60 V rated value • at 10 V rated value • at 220 V rated value • at 24 V rated value • at 60 V rated value • at 60 V rated value • at 10 V rated value • at 220 V rated value • at 240 V rated value • at 220 V rated value • at 220 V rated value • at 240 V rated value • at 600 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 10 V rated value • at 110 V rated value	1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 1
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 60 V rated value • at 24 V rated value • at 10 V rated value • at 220 V rated value • at 220 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 24 V rated value • at 220 V rated value • at 24 V rated value • at 48 V rated value • at 10 V rated value	1 1 10 A 3A 2A 1A 10 A 6A 6A 6A 3A 2A 1A 10 A 6A 6A 6A 6A 6A 1A 10 A 2A 1A 0.15 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 600 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 600 V rated value • at 48 V rated value • at 24 V rated value • at 48 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	1 1 10 A 3A 2A 1A 10 A 6A 6A 6A 3A 2A 1A 10 A 6A 6A 6A 6A 6A 0A 2A 1A 0.15 A 10 A 2A 1A 0.9 A 0.3 A 0.1 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 40 V rated value • at 600 V rated value • at 40 V rated value • at 42 V rated value • at 40 V rated value • at 220 V rated value • at 10 V rated value • at 110 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 25 V rated value • at 24 V rated value • at 600 V rated value • at 48 V rated value • at 220 V rated value • at 125 V rated value • at 220 V rated value	1 1 10 A 3A 2A 1A 10 A 6A 6A 6A 3A 2A 1A 10 A 6A 6A 6A 6A 6A 1A 10 A 2A 1A 0.15 A
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 600 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 600 V rated value • at 48 V rated value • at 24 V rated value • at 48 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	1 1 10 A 3A 2A 1A 10 A 6A 6A 6A 3A 2A 1A 10 A 6A 6A 6A 6A 6A 0A 2A 1A 0.15 A 10 A 2A 1A 0.9 A 0.3 A 0.1 A

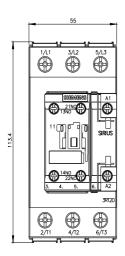
• at 480 V rated value	65 A				
at 480 V rated value at 600 V rated value	65 A 62 A				
yielded mechanical performance [hp]	02 A				
for single-phase AC motor					
- at 110/120 V rated value	5 bp				
— at 230 V rated value	5 hp				
• for 3-phase AC motor	15 hp				
- at 200/208 V rated value	20 hp				
— at 220/230 V rated value	20 hp 25 hp				
— at 460/480 V rated value	25 hp				
— at 575/600 V rated value	50 hp				
contact rating of auxiliary contacts according to UL	_ 60 hp A600 / P600				
Short-circuit protection	A000 / 1 000				
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					
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	114 mm				
width	55 mm				
depth	130 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	screw-type terminals				
 for auxiliary and control circuit 	screw-type terminals				
 at contactor for auxiliary contacts 	Screw-type terminals				
of magnet coil	Screw-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)				
connectable conductor cross-section for main contacts					
 finely stranded with core end processing 	1 35 mm²				
connectable conductor cross-section for auxiliary contacts					
 solid or stranded 	0.5 2.5 mm²				
 finely stranded with core end processing 	0.5 2.5 mm²				
type of connectable conductor cross-sections					
 for auxiliary contacts 					
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)				
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)				

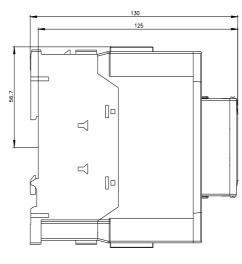
 for AWG cables 	cables for auxiliary contacts		2x (20 16), 2x (18 14)				
AWG number as coded connectable conductor cross section			ZX (ZU 10), ZX (10 14)				
for main contacts		18 1					
 for auxiliary cont 	 for auxiliary contacts 			20 14			
Safety related data							
product function	·						
 mirror contact ad 	ccording to IEC 60947-4-1		Yes				
 positively driven 	operation according to IEC	C 60947-5-1	No	No			
suitability for use safety	suitability for use safety-related switching OFF		Yes				
B10 value with high demand rate according to SN 31920		1 000 000					
proportion of danger	ous failures						
 with low demand 	d rate according to SN 319	20	40 %				
 with high deman 	nd rate according to SN 319	920	73 %				
failure rate [FIT] with lo	w demand rate according	to SN 31920	100 FI1	Г			
61508	interval or service life acco	-	20 a				
-	n the front according to I		IP20				
-	he front according to IEC	60529	finger-s	safe, for vertical contact	from the front		
Certificates/ approvals							
General Product App	oroval						
CSA	ccc			UL		נחנ	
EMC	Functional Safety/Safety of Ma- chinery	Declaration of	Conform	iity	Test Certificates		
RCM	<u>Type Examination Cer-</u> <u>tificate</u>	UK CA		CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	
Marine / Shipping							
ABS	B D R E A D VERITAS			Hoyds Kegister us	PRS	RINA	
Marine / Shipping	other			Railway	Dangerous Good	Environment	
RMRS RMRS	<u>Confirmation</u>	<u>Confirmatio</u>	<u>חמ</u>	Vibration and Shock	Transport Information	Environmental Con- firmations	
Further information							

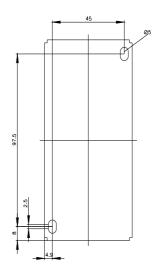
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification 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,...) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2038-1AG60 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2038-1AG60

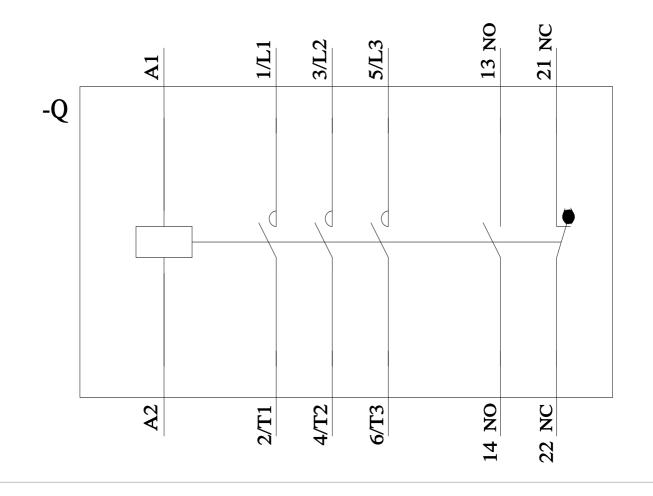
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2038-1AG60 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2038-1AG60&lang=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2038-1AG60/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2038-1AG60&objecttype=14&gridview=view1









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