SIEMENS

Data sheet

3RT2023-1AP60



power contactor, AC-3 9 A, 4 kW / 400 V 1 NO + 1 NC, 220 V AC, 50 Hz 240 V, 60 Hz, 3-pole Size S0, screw terminal

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S0
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	1.2 W
 at AC in hot operating state per pole 	0.4 W
without load current share typical	7.9 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	7,5g / 5 ms, 4,7g / 10 ms
shock resistance with sine pulse	
• at AC	11,8g / 5 ms, 7,4g / 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)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %

Main circuit	
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 	40 A
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
• at AC-3	
— at 400 V rated value	9 A
— at 500 V rated value	9 A
— at 690 V rated value	9 A
• at AC-3e	
— at 400 V rated value	9 A
— at 500 V rated value	9 A
— at 690 V rated value	9 A
• at AC-4 at 400 V rated value	8.5 A
 at AC-5a up to 690 V rated value 	35.2 A
• at AC-5b up to 400 V rated value	7.4 A
• at AC-6a	
 up to 230 V for current peak value n=20 rated value 	11.4 A
 up to 400 V for current peak value n=20 rated value 	11.4 A
— up to 500 V for current peak value n=20 rated value	9.1 A
 up to 690 V for current peak value n=20 rated value 	9 A
 at AC-6a up to 230 V for current peak value n=30 rated value 	7.6 A
 up to 400 V for current peak value n=30 rated value 	7.6 A
 — up to 500 V for current peak value n=30 rated value 	6.1 A
— up to 690 V for current peak value n=30 rated value	6.1 A
minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating	10 mm ²
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	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1A
— 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	35 A
— at 110 V rated value	35 A 35 A
	5 A
— at 220 V rated value	
— at 440 V rated value	1A
— at 600 V rated value	0.8 A
 with 3 current paths in series at DC-1 	

at 24 V rated value35 A at 110 V rated value35 A at 220 V rated value35 A at 440 V rated value2.9 A at 600 V rated value1.4 A• at 1 current path at DC-3 at DC-5
 at 220 V rated value at 440 V rated value at 600 V rated value at 600 V rated value at 1 current path at DC-3 at DC-5 at 24 V rated value 20 A at 110 V rated value 2.5 A at 220 V rated value 1 A at 440 V rated value 0.09 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 35 A at 24 V rated value 0.06 A with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 35 A at 110 V rated value 35 A at 220 V rated value 0.66 A with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 0.66 A with 2 current paths in series at DC-3 at DC-5 at 240 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 0.16 A with 3 current paths in series at DC-3 at DC-5 at 24 V rated value 35 A at 110 V rated value 35 A
 at 440 V rated value at 600 V rated value at 600 V rated value at 1 current path at DC-3 at DC-5 at 24 V rated value at 110 V rated value at 220 V rated value at 220 V rated value at 440 V rated value 0.09 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 35 A at 220 V rated value 36 A at 440 V rated value 37 A at 440 V rated value 38 A at 440 V rated value 35 A at 220 V rated value 36 A at 440 V rated value 37 A at 440 V rated value 38 A at 440 V rated value 39 A at 440 V rated value 30 A at 440 V rated value 36 A at 440 V rated value 37 A at 220 V rated value 38 A at 440 V rated value 39 A at 440 V rated value 31 A at 440 V rated value 35 A at 24 V rated value 35 A at 24 V rated value 35 A at 440 V rated value 35 A at 440 V rated value 35 A
at 600 V rated value1.4 A• at 1 current path at DC-3 at DC-520 A at 24 V rated value20 A at 110 V rated value2.5 A at 220 V rated value1 A at 440 V rated value0.09 A at 600 V rated value0.06 A• with 2 current paths in series at DC-3 at DC-5 at 24 V rated value35 A at 24 V rated value34 at 220 V rated value35 A at 220 V rated value0.27 A at 600 V rated value0.16 A• with 3 current paths in series at DC-3 at DC-5 at 24 V rated value35 A at 440 V rated value35 A at 24 V rated value35 A at 110 V rated value35 A
• at 1 current path at DC-3 at DC-5 20 A - at 24 V rated value 2.5 A - at 110 V rated value 1 A - at 220 V rated value 0.09 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 35 A - at 110 V rated value 0.27 A - at 600 V rated value 0.27 A - at 600 V rated value 0.27 A - at 600 V rated value 35 A - at 240 V rated value 35 A - at 440 V rated value 35 A - at 440 V rated value 35 A - at 440 V rated value 35 A - at 24 V rated value 35 A
- at 24 V rated value20 A- at 110 V rated value2.5 A- at 220 V rated value1 A- at 220 V rated value0.09 A- at 440 V rated value0.06 A• at 600 V rated value35 A- at 24 V rated value15 A- at 220 V rated value0.27 A- at 600 V rated value0.16 A• with 3 current paths in series at DC-3 at DC-5- at 24 V rated value3.5 A- at 240 V rated value3.6 A- at 240 V rated value3.6 A- at 240 V rated value3.6 A- at 240 V rated value3.7 A- at 600 V rated value3.6 A- at 100 V rated value3.5 A- at 240 V rated value3.5 A- at 240 V rated value3.5 A
 at 110 V rated value at 220 V rated value at 220 V rated value at 440 V rated value 0.09 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 35 A at 110 V rated value 3 A at 220 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 35 A at 440 V rated value 36 A
at 220 V rated value1 A at 440 V rated value0.09 A at 600 V rated value0.06 A• with 2 current paths in series at DC-3 at DC-5 at 24 V rated value35 A at 110 V rated value15 A at 220 V rated value0.27 A at 600 V rated value0.16 A• with 3 current paths in series at DC-3 at DC-5 at 24 V rated value35 A
 at 440 V rated value at 600 V rated value 0.09 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 35 A at 110 V rated value 3 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 35 A at 24 V rated value 35 A
 at 600 V rated value with 2 current paths in series at DC-3 at DC-5 at 24 V rated value at 110 V rated value at 220 V rated value 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 35 A
 with 2 current paths in series at DC-3 at DC-5 at 24 V rated value at 110 V rated value at 110 V rated value b A at 220 V rated value at 220 V rated value b A at 440 V rated value b A <lib a<="" li=""> <lib a<="" lit<="" td=""></lib></lib>
 at 110 V rated value at 220 V rated value 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 35 A at 110 V rated value 35 A
at 220 V rated value3 A at 440 V rated value0.27 A at 600 V rated value0.16 A• with 3 current paths in series at DC-3 at DC-5 at 24 V rated value35 A at 110 V rated value35 A
 at 600 V rated value with 3 current paths in series at DC-3 at DC-5 at 24 V rated value 35 A at 110 V rated value 35 A
with 3 current paths in series at DC-3 at DC-5 — at 24 V rated value 35 A — at 110 V rated value 35 A
— at 24 V rated value35 A— at 110 V rated value35 A
— at 110 V rated value 35 A
— at 220 V rated value 10 A
— at 440 V rated value 0.6 A
— at 600 V rated value 0.6 A
operating power
• at AC-3
 — at 230 V rated value 2.2 kW
— at 400 V rated value 4 kW
— at 500 V rated value 4 kW
— at 690 V rated value 7.5 kW
• at AC-3e
 at 230 V rated value 2.2 kW
— at 400 V rated value 4 kW
— at 500 V rated value 4 kW
— at 690 V rated value 7.5 kW
operating power for approx. 200000 operating cycles
• at 400 V rated value 2 kW
• at 690 V rated value 2.5 kW
operating apparent power at AC-6a
• up to 230 V for current peak value n=20 rated value 4.5 kVA
• up to 400 V for current peak value n=20 rated value 7.8 kVA
 up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value 10.7 kVA
· · · · · · · · · · · · · · · · · · ·
 operating apparent power at AC-6a up to 230 V for current peak value n=30 rated value 3 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 7.2 kVA
up to 690 V for current peak value n=30 rated value 7.2 kVA 7.2 kVA
up to 40 °C
• limited to 1 s switching at zero current maximum 170 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 5 s switching at zero current maximum 170 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 10 s switching at zero current maximum 122 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 30 s switching at zero current maximum 78 A; Use minimum cross-section acc. to AC-1 rated value
Imited to 60 s switching at zero current maximum 68 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 1 000 1/h
at AC-2 maximum 1 000 1/h
at AC-3 maximum 1 000 1/h

• at AC 30 maximum	1 000 1/b
• at AC-3e maximum	1 000 1/h
at AC-4 maximum	300 1/h
Control circuit/ Control	10
type of voltage of the control supply voltage	AC
control supply voltage at AC	200 V/
• at 50 Hz rated value	220 V
at 60 Hz rated value	240 V
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	0.0 1.1
• at 50 Hz	68 VA
• at 60 Hz	67 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.72
• at 60 Hz	0.74
apparent holding power of magnet coil at AC	
at 50 Hz	7.9 VA
• at 60 Hz	6.5 VA
inductive power factor with the holding power of the	
coil	
• at 50 Hz	0.25
• at 60 Hz	0.28
closing delay	
• at AC	8 40 ms
opening delay	
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
instantaneous contact	
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
	1077
• at 400 V rated value	3 A
 at 400 V rated value at 500 V rated value 	3 A 2 A
• at 500 V rated value	2 A
at 500 V rated valueat 690 V rated value	
• at 500 V rated value	2 A 1 A
at 500 V rated value at 690 V rated value operational current at DC-12	2 A
 at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value 	2 A 1 A 10 A
 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 	2 A 1 A 10 A 6 A
 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 	2 A 1 A 10 A 6 A 6 A
 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 	2 A 1 A 10 A 6 A 6 A 3 A
 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 	2 A 1 A 10 A 6 A 6 A 3 A 2 A
 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 	2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A
 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 	2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A
 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 	2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A
 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 24 V rated value 	2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A
 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 24 V rated value at 24 V rated value at 48 V rated value 	2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A
 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 operational current at DC-13 at 24 V rated value at 48 V rated value at 48 V rated value at 600 V rated value 	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 2 A
 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 operational current at DC-13 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 at 110 V rated value 	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 1 A
 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 24 V rated value at 600 V rated value at 24 V rated value at 24 V rated value at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value 	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 0.9 A
 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 operational current at DC-13 at 24 V rated value at 60 V rated value at 48 V rated value 	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 1 A 0.15 A
 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 operational current at DC-13 at 24 V rated value at 48 V rated value at 48 V rated value at 24 V rated value at 24 V rated value at 25 V rated value at 20 V rated value at 110 V rated value at 125 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 	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 1 A 0.15 A
 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 operational current at DC-13 at 24 V rated value at 48 V rated value at 48 V rated value at 20 V rated value operational current at DC-13 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 210 V rated value at 220 V rated value 	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 1 A 0.15 A
 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 operational current at DC-13 at 24 V rated value at 48 V rated value at 48 V rated value at 20 V rated value at 220 V rated value at 24 V rated value 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 125 V rated value at 120 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 600 V rated value by the fourth of auxiliary contacts UL/CSA ratings 	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 1 A 0.15 A

• at 600 V rated value	9 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 110/120 V rated value	1 hp
— at 230 V rated value	1 hp
• for 3-phase AC motor	'
— at 200/208 V rated value	2 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	5 hp
— at 575/600 V rated value	7.5 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the fuse link	
 for short-circuit protection of the main circuit 	
 — with type of coordination 1 required 	gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA)
 — with type of assignment 2 required 	gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA)
 for short-circuit protection of the auxiliary switch 	gG: 10 A (500 V, 1 kA)
required	
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by $\pm 1/22.5^{\circ}$ on vertical mounting surface.
fastening method	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail
rastening metriou	according to DIN EN 60715
 side-by-side mounting 	Yes
height	85 mm
width	45 mm
depth	97 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	2x (1 2.5 mm ²), 2x (2.5 10 mm ²)
— solid or stranded	2x (1 2.5 mm ²), 2x (2.5 10 mm ²)
— finely stranded with core end processing	2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ²
at AWG cables for main contacts	2x (16 12), 2x (14 8)
connectable conductor cross-section for main contacts	
solid	1 10 mm²
stranded	1 10 mm ²
 finely stranded with core end processing 	1 10 mm ²
connectable conductor cross-section for auxiliary	

contacts					
 solid or strand 			0.5 2.5 mm ²		
-	I with core end processi	-	0.5 2.5 mm ²		
	e conductor cross-sec	tions			
 for auxiliary co 					
— solid or st			2x (0.5 1.5 mm ²), 2x (0.7		
	inded with core end proc	cessing	2x (0.5 1.5 mm²), 2x (0.7		
	s for auxiliary contacts		2x (20 16), 2x (18 14)		
AWG number as co section	ded connectable conc	luctor cross			
• for main conta	cto		16 8		
for auxiliary contacts		20 14			
Safety related data		20 14	_	_	
product function		4.4	V		
	according to IEC 60947		Yes		
	demand rate according	to SN 31920	450 000		
proportion of dange		0.4000	10.0/		
	nd rate according to SN		40 %		
	and rate according to SN		73 %		
failure rate [FII] with 31920	low demand rate accor	ding to SN	100 FIT		
protection class IP 60529	on the front according	I to IEC	IP20		
touch protection or	n the front according to	o IEC 60529	finger-safe, for vertical cont	tact from the front	
suitability for use					
 safety-related 	switching OFF		Yes		
Certificates/ approva	ls				
General Product A	pproval				
		Confirmatio		KC	
CSA			(h) (h)		EHC
EMC	Functional Safety/Safety of Machinery	Declaration o	of Conformity	Test Certificates	EHC
EMC RCM	Safety/Safety of	Declaration of CEG-Konf.	of Conformity UK Declaration of Conformity		EHC Special Test Certific- ate
EMC EMC RCM	Safety/Safety of Machinery	CE	UK Declaration of	Test Certificates	Special Test Certific-
RCM	Safety/Safety of Machinery	CE	UK Declaration of	Test Certificates	Special Test Certific-
RCM	Safety/Safety of Machinery Type Examination Certificate	EG-Konf.	UK Declaration of Conformity	Test Certificates	Special Test Certific-
Marine / Shipping	Safety/Safety of Machinery Type Examination Certificate	EG-Konf.	UK Declaration of Conformity	Test Certificates	Special Test Certific-

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Further information

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Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2023-1AP60

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2023-1AP60

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2023-1AP60

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

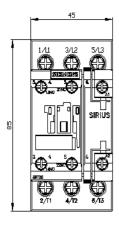
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2023-1AP60&lang=en

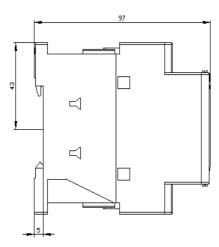
Characteristic: Tripping characteristics, I²t, Let-through current

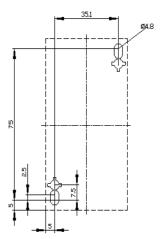
https://support.industry.siemens.com/cs/ww/en/ps/3RT2023-1AP60/char

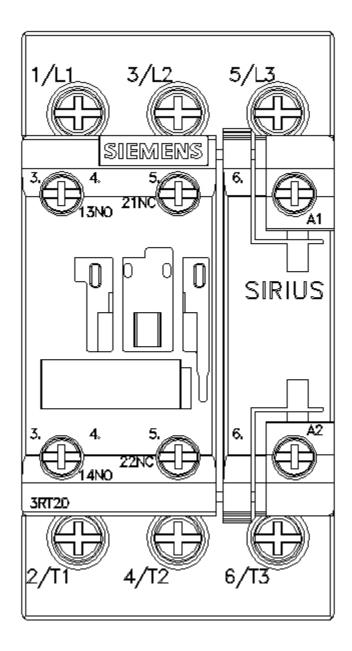
Further characteristics (e.g. electrical endurance, switching frequency)

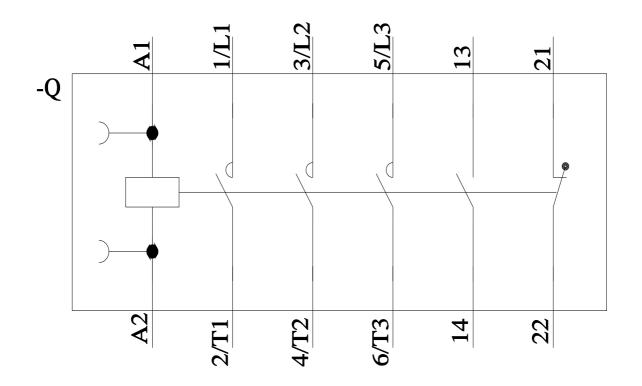
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2023-1AP60&objecttype=14&gridview=view1











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