SIEMENS

Data sheet

3RT2026-1AN24



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 220 V AC, 50/60 Hz, auxiliary contacts: 2 NO + 2 NC, screw terminal, size: S0, removable auxiliary switch

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	SO
product extension	
 function module for communication 	No
auxiliary switch	No
power loss [W] for rated value of the current	
 at AC in hot operating state 	5.7 W
 at AC in hot operating state per pole 	1.9 W
 without load current share typical 	2.7 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	8,3g / 5 ms, 5,3g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
mechanical service life (operating 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
Weight	0.457 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	74.2 kg
Global Warming Potential [CO2 eq] during manufacturing	1.9 kg
Global Warming Potential [CO2 eq] during operation	72.4 kg
Global Warming Potential [CO2 eq] after end of life	-0.117 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	40 A
 at AC-1 — up to 690 V at ambient temperature 40 °C rated 	40 A
value — up to 690 V at ambient temperature 60 °C rated	35 A
• at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
at AC-5a up to 690 V rated value	35.2 A
• at AC-5b up to 400 V rated value	20.7 A
• at AC-6a	20.2 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 	20.2 A 20.2 A
— up to 500 V for current peak value n=20 rated value	20.2 A
— up to 690 V for current peak value n=20 rated value	12.9 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	13.5 A
 up to 400 V for current peak value n=30 rated value 	13.5 A
— up to 500 V for current peak value n=30 rated value	13.5 A
— up to 690 V for current peak value n=30 rated value	13 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm ²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	9 A
• at 690 V rated value	9 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	35 A
— at 60 V rated value	20 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	25.4
— at 24 V rated value	35 A
- at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	5 A 1 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.0 A

 with 3 current paths in series at DC-1 					
- at 24 V rated value	35 A				
— at 60 V rated value					
— at 110 V rated value	35 A				
— at 220 V rated value	35 A 35 A				
— at 440 V rated value					
— at 600 V rated value	2.9 A 1.4 A				
	1.4 A				
at 1 current path at DC-3 at DC-5 at 24 V rated value	20.4				
— at 24 V rated value	20 A				
— at 60 V rated value	5 A				
— at 220 V rated value — at 440 V rated value	1 A 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	25.4				
— at 24 V rated value	35 A				
— at 60 V rated value	35 A				
— at 110 V rated value	15 A 3 A				
— at 220 V rated value — at 440 V rated value	3 A 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	25.4				
— at 24 V rated value	35 A				
— at 60 V rated value	35 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	5.5 kW				
— at 400 V rated value	11 kW				
— at 500 V rated value	11 KW				
- at 600 V rated value					
• at AC-3e	11 kW				
— at 230 V rated value	5.5 kW				
— at 400 V rated value	11 kW				
— at 500 V rated value	11 kW				
— at 690 V rated value	11 kW				
operating power for approx. 200000 operating cycles at AC-					
4					
• at 400 V rated value	4.4 kW				
• at 690 V rated value	7.7 kW				
operating apparent power at AC-6a					
 up to 230 V for current peak value n=20 rated value 	8 kVA				
 up to 400 V for current peak value n=20 rated value 	13.9 kVA				
 up to 500 V for current peak value n=20 rated value 	17.4 kVA				
 up to 690 V for current peak value n=20 rated value 	15.4 kVA				
operating apparent power at AC-6a					
 up to 230 V for current peak value n=30 rated value 	5.3 kVA				
 up to 400 V for current peak value n=30 rated value 	9.3 kVA				
 up to 500 V for current peak value n=30 rated value 	11.6 kVA				
up to 690 V for current peak value n=30 rated value	15.5 kVA				
short-time withstand current in cold operating state up to 40 °C					
 limited to 1 s switching at zero current maximum 	375 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 5 s switching at zero current maximum 	300 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 10 s switching at zero current maximum 	210 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 30 s switching at zero current maximum 	144 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 60 s switching at zero current maximum 	118 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 	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	220 V
• at 60 Hz rated value	220 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	81 VA
• at 60 Hz	79 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	10.5 VA
• at 60 Hz	8.5 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
arcing time	10 10 ms
arcing time control version of the switch operating mechanism	10 10 ms
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous	10 10 ms Standard A1 - A2
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous	10 10 ms Standard A1 - A2 2
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact	10 10 ms Standard A1 - A2 2 2
arcing time control version of the switch operating mechanism 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	10 10 ms Standard A1 - A2 2 2
arcing time control version of the switch operating mechanism 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A
arcing time control version of the switch operating mechanism 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A
arcing time control version of the switch operating mechanism 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A
arcing time control version of the switch operating mechanism 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A
arcing time control version of the switch operating mechanism 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 690 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A
arcing time control version of the switch operating mechanism 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 690 V rated value • at 690 V rated value • at 690 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A
arcing time control version of the switch operating mechanism 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 690 V rated value • at 690 V rated value • at 24 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A
arcing time control version of the switch operating mechanism 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 24 V rated value • at 24 V rated value • at 48 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A
arcing time control version of the switch operating mechanism 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 24 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A
arcing time control version of the switch operating mechanism 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 690 V rated value • at 690 V rated value • at 48 V rated value • at 48 V rated value • at 60 V rated value • at 410 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A
arcing time control version of the switch operating mechanism 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 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	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A
arcing time control version of the switch operating mechanism 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 42 V rated value • at 24 V rated value • at 48 V rated value • at 400 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 10 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A
arcing time control version of the switch operating mechanism 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 24 V rated value • at 48 V rated value • at 400 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A
arcing time control version of the switch operating mechanism 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 24 V rated value • at 24 V rated value • at 48 V rated value • at 10 V rated value • at 220 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 1
arcing time control version of the switch operating mechanism 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 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 24 V rated value • at 24 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6
arcing time control version of the switch operating mechanism 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 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 120 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 10 A 6 A 3 A 2 A 10 A 6 A 3 A 2 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 2 A 1 A 0.15 A
arcing time control version of the switch operating mechanism 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 400 V rated value • at 230 V rated value • at 24 V rated value • at 48 V rated value • at 10 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 48 V rated value <td>10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6</td>	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6
arcing time control version of the switch operating mechanism 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 400 V rated value • at 230 V rated value • at 24 V rated value • at 10 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 600 V rated value • at 48 V rated value • at 600 V rated value • at 48 V rated value • at 60 V rated value • at 60 V rated value • at 60 V rated value </td <td>10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6</td>	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6
arcing time control version of the switch operating mechanism 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 48 V rated value • at 48 V rated value • at 10 V rated value • at 220 V rated value • at 48 V rated value • at 60 V rated value • at 24 V rated value • at 25 V rated value • at 220 V rated value • at 24 V rated value • at 600 V rated value • at 48 V rated value • at 48 V rated value • at 100 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 <	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6
arcing time control version of the switch operating mechanism 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 400 V rated value • at 400 V rated value • at 690 V rated value • at 215 V rated value • at 220 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 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 110 V rated value • at 25 V rated value • at 125 V rated va	10 10 ms Standard A1 - A2 2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6

UL/CSA ratings		
full-load current (FLA) for 3-phase AC motor		
• at 480 V rated value	21 A	
at 600 V rated value	22 A	
yielded mechanical performance [hp]		
• for single-phase AC motor		
— at 110/120 V rated value	2 hp	
— at 230 V rated value	3 hp	
 for 3-phase AC motor 		
at 200/208 V rated value	5 hp	
— at 220/230 V rated value	7.5 hp	
— at 460/480 V rated value	15 hp	
— at 575/600 V rated value	20 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: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415 V, 80 kA)	
— with type of assignment 2 required	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (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 side-by-side mounting	Yes	
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715	
height	85 mm	
width	45 mm	
depth	141 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	$2x (1 \dots 2.5 \text{ mm}^2), 2x (2.5 \dots 10 \text{ mm}^2)$	
— 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	
for AWG cables for main contacts	2x (16 12), 2x (14 8)	
connectable conductor cross-section for main contacts		
• solid	1 10 mm ²	
• stranded	1 10 mm ²	
 finely stranded with core end processing 	1 10 mm ²	

connectable conductor cross section for auxi	liany contacto			
 connectable conductor cross-section for auxi solid or stranded 	nary contacts	0.5 2.5 mm²		
 finely stranded with core end processing 		0.5 2.5 mm ²		
type of connectable conductor cross-sections		0.5 2.5 mm		
for auxiliary contacts	,			
- solid or stranded		$2x (0 = 1 = mm^2) 2x (0 = 7 = 1)$	$2 E mm^2$	
	ling	2x (0.5 1.5 mm ²), 2x (0.75		
— finely stranded with core end process	ang	2x (0.5 1.5 mm ²), 2x (0.75	. 2.5 ጠጠ-)	
• for AWG cables for auxiliary contacts		2x (20 16), 2x (18 14)		
AWG number as coded connectable conducto section	or cross			
for main contacts		16 8		
for auxiliary contacts		20 14		
Safety related data				
product function				
mirror contact according to IEC 60947-4-1		Yes		
•	C 60047 5 1	No		
positively driven operation according to IEC	5 60947-5-1			
suitable for safety function		Yes		
suitability for use safety-related switching OFF		Yes		
service life maximum		20 a		
test wear-related service life necessary		Yes		
proportion of dangerous failures				
 with low demand rate according to SN 319 		40 %		
with high demand rate according to SN 319		73 %		
B10 value with high demand rate according to	SN 31920	1 000 000		
failure rate [FIT] with low demand rate accord 31920	ing to SN	100 FIT		
ISO 13849				
device type according to ISO 13849-1		3		
overdimensioning according to ISO 13849-2 n	ecessary	Yes		
IEC 61508				
safety device type according to IEC 61508-2		Туре А		
Electrical Safety				
protection class IP on the front according to I	EC 60529	IP20		
touch protection on the front according to IEC	60529	finger-safe, for vertical contact	from the front	
Approvals Certificates				
General Product Approval				
CCC CCC EG-Konf.	<u>Confirmation</u>	UK CA	(UL) III	KC
General Product Ap- proval EMV	Test Certificate	S	Marine / Shipping	
	Type Test Certi ates/Test Rep		ABS	BUREAU VERITAS
Marine / Shipping			other	
Lovds Register	RINA	RMRS RMRS	<u>Miscellaneous</u>	<u>Confirmation</u>
other Railway	Environment			



Special Test Certificate



Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2026-1AN24

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-1AN24

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1AN24

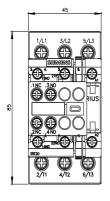
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

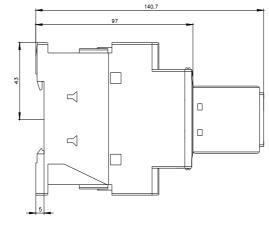
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2026-1AN24&lang=en

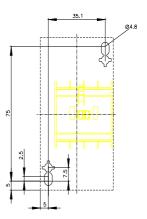
Characteristic: Tripping characteristics, I²t, Let-through current

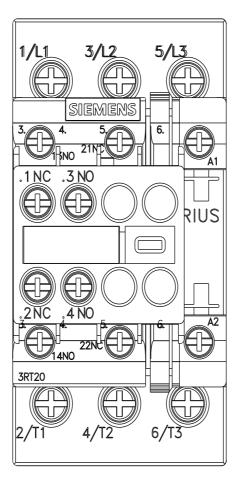
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1AN24/char Further characteristics (e.g. electrical endurance, switching frequency)

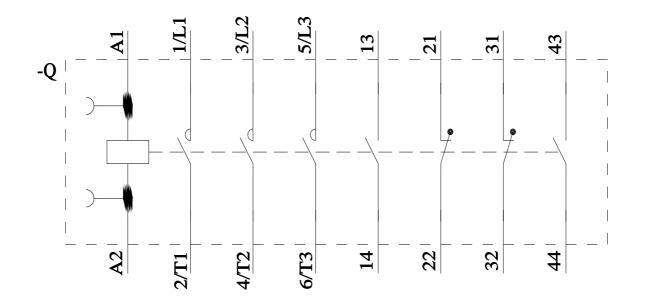
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-1AN24&objecttype=14&gridview=view1











7/19/2024 🖸

1/3/2025

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

3RT20261AN24