SIEMENS

Data sheet 3RT2026-1BA40



power contactor, AC-3 25 A, 11 kW / 400 V 1 NO + 1 NC, 12 V DC, 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 	5.7 W
 at AC in hot operating state per pole 	1.9 W
 without load current share typical 	5.9 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 DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 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 $^{\circ}\text{C}$ 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	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	20.7 A	
— up to 230 V for current peak value n=20 rated value	20.2 A	
— up to 400 V for current peak value n=20 rated value	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 operational current for approx. 200000 operating	10 mm ²	
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 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	
	0.20 A	
with 2 current paths in series at DC-1 at 24 V rated value.	25 A	
— at 24 V rated value	35 A	
— at 110 V rated value	35 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	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 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	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 110 V rated value	15 A
— at 220 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 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-2 at 400 V rated value	11 kW
• 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 690 V rated value	11 kW
• at AC-3e	
— 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	
Iimited 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 	299 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	200 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	128 A; Use minimum cross-section acc. to AC-1 rated value
limited to 60 s switching at zero current maximum	106 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	5 000 1/h
• at DC	1 500 1/h
operating frequency	
at AC-1 maximum	1 000 1/h

* at AC-2 maximum	at AC-2 maximum	750.1/h
a AC-Se maximum b AC AC maximum control circulii Control Sype of voltage of the control supply voltage control circulii Control Sype of voltage of the control supply voltage control supply voltage at DC feet value porating range factor control supply voltage rated value of magnet coil at DC finited value fin		750 1/h
■ at AC-4 maximum Control Size of the control supply voltage Control supply voltage at DC ■ related value ■		
Section Sect		
Type of voltage of the control supply voltage DC		200 1/11
control supply voltage at DC *rated value correct grange factor control supply voltage rated value of magnet coil at DC *Initial value closing power of magnet coil at DC closing power of magnet coil at DC closing power of magnet coil at DC closing delay * at DC opening delay * at DC opening delay * at DC arcing time control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact Instanta		DC .
• rated value 12 V 12 12 13 14 15 15 15 15 15 15 15		bC
operation angel factor control supply voltage rated value of magnet coil at DC		12 V
Value of magnet coll at DC		· · ·
• full-scale value		
Closing power of magnet coil at DC	initial value	0.8
Action A		1.1
eat DC		
• at DC opening dolay • at DC arcing time control version of the switch operating mechanism Auxillary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NC contacts for auxiliary contacts instantaneous contact number of NC contacts for auxiliary contacts instantaneous contact number of NC contacts for auxiliary contacts instantaneous contact number of NC contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-12 maximum operational current at AC-12 maximum operational current at DC-12 • at 230 V rated value • at 490 V rated value • at 490 V rated value • at 49 V rated value • at 40 V rated value • at 40 V rated value • at 60 V rated value • at		5.9 W
a t DC		
arcing time		50 170 ms
arcing time		45 475
Control version of the switch operating mechanism Standard A1 - A2		
Auxiliary circuit number of NC contacts for auxiliary contacts 1		
number of NC contacts for auxiliary contacts 1		Stanualu AT - AZ
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15		1
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 48 V rated value • at 60 V rated value • at 60 V rated value • at 10 V rated value • at 125 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 260 V rated value • at 27 V rated value • at 280 V rated value • at 10 V rated value • at 10 V rated value • at 10 V rated value • at 280 V rated value • at 10 V rated value • at 10 V rated value • at 280 V rated value • at 110 V rated value • at 110 V rated value • at 125 V rated value • at 120 V rated value • at 120 V rated value • at 120 V rated value • at 110 V rated value • at 120 V rated value • at 120 V rated value • at 220 V rated value • at 220 V rated value • at 200 V rated value • at 30 V rated value • at 480 V rated value • at 480 V rated value • at 200 V rated value • at 200 V rated value • at 30 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 200 V rated value • at 300 V rated value • at 480 V rated value • at 300 V rated value • at 480 V rated value • at 200 V rated value • at 200 V rated value • at 2000 V rated value • at 2000 V rated value • at 200008 V rated value • at 200008 V rated value • 5 hp • at 2000208 V rated value • 5 hp • at 2000208 V rated value • 5 hp • at 2000208 V rated value • 7.5 hp		
operational current at AC-15		1
Operational current at AC-15 • at 230 V rated value	operational current at AC-12 maximum	10 A
	·	
	• at 230 V rated value	10 A
• at 690 V rated value	• at 400 V rated value	3 A
Operational current at DC-12	• at 500 V rated value	2 A
 at 24 V rated value at 48 V rated value 6 A at 48 V rated value 6 A at 110 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 60 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 25 V rated value at 26 V 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 600 V rated value at 600 V rated value at 600 V rated value at 48 V rated value at 20 V rated value for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 5 hp at 220/230 V rated value 7.5 hp 	at 690 V rated value	1 A
• at 48 V rated value • at 60 V rated value • at 110 V rated value • at 1125 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 48 V rated value • at 60 V rated value • at 10 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 800 V rated value • at 600 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value • at 200 V rated value • for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value - at 220/230 V rated value 7.5 hp	•	
 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 1 A at 600 V rated value operational current at DC-13 at 24 V rated value at 48 V rated value at 600 V rated value at 600 V rated value at 10 A at 10 A at 125 V rated value at 110 V rated value at 125 V rated value at 125 V rated value at 120 V rated value at 200 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 7 A at 10/120 V rated value at 22 A yielded mechanical performance [hp] for single-phase AC motor at 10/120 V rated value at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor at 200/208 V rated value for 5-phase AC motor for 5-phase AC motor for 5-phase AC motor for 5-phase AC motor for 5-phas		
 at 110 V rated value at 125 V rated value at 220 V rated value at 3 A at 220 V rated value 1 A at 600 V rated value 0.15 A operational current at DC-13 at 24 V rated value at 48 V rated value at 60 V rated value at 10 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 at 480 V rated value at 480 V rated value at 600 V rated value at 22 A yielded mechanical performance [hp] for single-phase AC motor at 100 V rated value at 230 V rated value at 230 V rated value for 3-phase AC motor at 230 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 5 hp at 220/230 V rated value 		
 at 125 V rated value at 220 V rated value 1 A at 600 V rated value 0.15 A Operational current at DC-13 at 24 V rated value at 8 V rated value at 60 V rated value at 10 A at 110 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 2 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 21 A at 600 V rated value 22 A yielded mechanical performance [hp] for single-phase AC motor at 230 V rated value 3 hp for 3-phase AC motor at 200/208 V rated value 5 hp at 200/208 V rated value 5 hp at 200/208 V rated value 5 hp 7.5 hp 		
 at 220 V rated value at 600 V rated value 0.15 A operational current at DC-13 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 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 3 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 7 A at 110/120 V rated value at 110/120 V rated value at 220 V rated value at 230 V rated value at 220/230 V rated value at 220/230 V rated value bp at 220/230 V rated value fbp at 220/230 V rated value fbp at 220/230 V rated value fbp fbp for 3-phase AC motor at 220/230 V rated value fbp fbp fbp fbp fbp fbp fbp fbp fbp fbr fbr<!--</td--><td>- 600 110 1 1000 1000</td><td></td>	- 600 110 1 1000 1000	
• at 600 V rated value 0.15 A operational current at DC-13 • at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 1 A • at 110 V rated value 1 A • at 125 V rated value 0.3 A • at 220 V rated value 0.3 A • at 600 V rated value 0.3 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) 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 5 hp — at 220/230 V rated value 7.5 hp		
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 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 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 700 V rated value at 100 V rated value at 110 V rated value at 110 V rated value at 21 A at 220 V rated value at 200 V		0.13 A
 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 at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 100 V rated value at 22 A yielded mechanical performance [hp] for single-phase AC motor at 230 V rated value at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor for 3-phase AC motor		10 A
 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 480 V rated value at 480 V rated value at 600 V rated value at 70 Phase AC motor at 110/120 V rated value at 200/208 V rated value at 200/208 V rated value at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value fop 7.5 hp 		
 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 3 A at 600 V rated value at 3 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 22 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 220/230 V rated value for 5 hp at 220/230 V rated value 		
 at 125 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 22 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 20 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 220 V rated value at 600 V rated value 0.3 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 22 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value 5 hp at 200/230 V rated value 7.5 hp 		
 at 600 V rated value contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 230 V rated value for 3-phase AC motor at 200/208 V rated value 5 hp at 220/230 V rated value 7.5 hp 		
contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • 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 • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value 7.5 hp		
UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 22 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value 5 hp — at 220/230 V rated value 7.5 hp		
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 22 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value 5 hp — at 220/230 V rated value 7.5 hp		
 at 480 V rated value at 600 V rated value 22 A yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value at 230 V rated value for 3-phase AC motor — at 200/208 V rated value at 220/230 V rated value 7.5 hp 		
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		21 A
 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 600 V rated value	22 A
 — at 110/120 V rated value — at 230 V rated value ● for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value 7.5 hp 	yielded mechanical performance [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 	 for single-phase AC motor 	
 for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value 7.5 hp 	— at 110/120 V rated value	2 hp
— at 200/208 V rated value 5 hp — at 220/230 V rated value 7.5 hp	— at 230 V rated value	3 hp
— at 220/230 V rated value 7.5 hp	 for 3-phase AC motor 	
	— at 200/208 V rated value	
— at 460/480 V rated value 15 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 / P600	
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	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715	
• side-by-side mounting	Yes	
height	85 mm	
width	45 mm	
depth	107 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	
,	Screw-type terminals Screw-type terminals	
at contactor for auxiliary contactsof magnet coil	3.	
type of connectable conductor cross-sections	Screw-type terminals	
for main contacts		
	2v (1 2.5 mm²) 2v (2.5 10 mm²)	
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)	
— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²)	
— finely stranded with core end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²	
at AWG cables for main contacts connectable conductor cross-section for main contacts	2x (16 12), 2x (14 8)	
• solid	1 10 mm²	
stranded	1 10 mm²	
finely stranded with core end processing	1 10 mm²	
connectable conductor cross-section for auxiliary contacts	7 13 mm	
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	0.0 2.0 Hilli	
• for auxiliary contacts		
for auxiliary contacts — solid or stranded	2v (0.5	
	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)	

 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section	
 for main contacts 	16 8
 for auxiliary contacts 	20 14
Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes
B10 value with high demand rate according to SN 31920	450 000
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 on 	Yes
 safety-related switching OFF 	Yes

Certificates/ approvals

General Product Approval





Confirmation



<u>KC</u>



EMC	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates	
^	Type Examination		Type Test Certific-	Special Test Certific-



<u>Certificate</u>



ates/Test Report

Special Test Certificate

Marine / Shipping













other Dangerous Good

Environmental Confirmations

Confirmation



<u>Transport Information</u>

Further information

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=3RT2026-1BA40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-1BA40

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1BA40

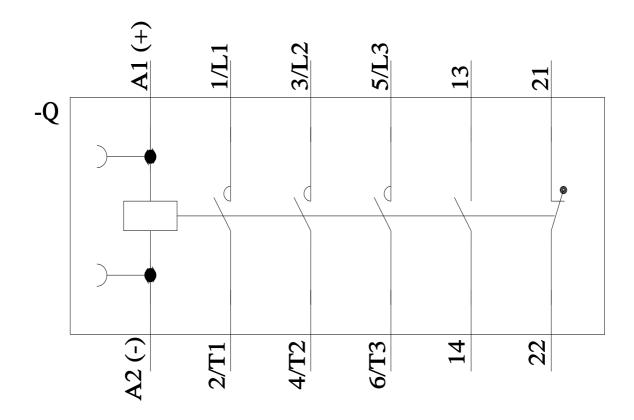
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2026-1BA40&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1BA40/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-1BA40&objecttype=14&gridview=view1



last modified: 6/2/2022 🖸