SIEMENS

Data sheet

3RT2026-1BB40-0CC0



power contactor, AC-3 25 A, 11 kW / 400 V 1 NO + 1 NC, 24 V DC communication-capable, 3-pole, Size S0, screw terminal

size of contactor product extension • function module for communication • auxillary switch • auxillary switch • at AC in hot operating state • at AC in hot operating state per pole • without load current share typical insulation voltage • of main circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit rated value • at DC • at DC shock resistance at rectangular impulse • at DC shock resistance with sine pulse • at DC shock resistance with sine pulse • of DC shock resistance with sine pulse • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the conta	product brand name	SIRIUS
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relative humidity at 55 °C according to IEC 60068-2-30 95 % maximum	during storage	
maximum	relative humidity minimum	10 %
Main circuit	,	95 %
	Main circuit	

	number of poles for main current circuit	3
operating voltage	number of NO contacts for main contacts	
e at AC-3 rated value maximum operational current at AC-1 at 400 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 690 V at ambient temperature 60 °C rated value — at AC-3 — at 400 V rated value — at 500 V rated value — at 600 V rated value — at AC-5 up 10 400 V rated value — up 10 230 V for current peak value n=20 rated value — up 10 500 V for current peak value n=20 rated value — up 10 500 V for current peak value n=20 rated value — up 10 500 V for current peak value n=30 rated value — up 10 500 V for		3
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operational current		
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rated value	rated value	
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■ at AG-3e — at 400 V rated value — at 500 V rated value — at 690 V rated value ■ at AG-3d and V rated value ■ at AG-5d up to 690 V rated value ■ at AG-5d up to 690 V rated value ■ at AG-5d up to 690 V rated value — 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 — up to 500 V for current peak value n=20 rated value — up to 690 V for current peak value n=20 rated value — up to 690 V for current peak value n=20 rated value — up to 690 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current for approx. 200 V for current for approx. 30 A		
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at 500 V rated value		25 Δ
— at 680 V rated value • at AC-4 at 40 V rated value • at AC-5 au p to 690 V rated value • at AC-5a • at AC-5a — 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 — up to 500 V for current peak value n=20 rated value — up to 690 V for current peak value n=20 rated value — up to 690 V for current peak value n=20 rated value — up to 230 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — at 140 V rated value • at 140 V rated value • at 140 V rated value — at 600 V rated value — at 140 V rated value — at 110 V rated value		
■ at AC-4 at 400 V rated value ■ at AC-5s up to 690 V rated value ■ at AC-5s up to 400 V rated value ■ at AC-5s up to 400 V rated value ■ at AC-5s up to 400 V for current peak value n=20 rated value ■ up to 330 V for current peak value n=20 rated value ■ up to 500 V for current peak value n=20 rated value ■ up to 690 V for current peak value n=20 rated value ■ up to 690 V for current peak value n=20 rated value ■ up to 500 V for current peak value n=20 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 690 V for current peak value n=30 rated value ■ up to 690 V for current peak value n=30 rated value ■ up to 690 V for current peak value n=30 rated value ■ up to 690 V for current peak value n=30 rated value ■ up to 690 V for current peak value n=30 rated value ■ up to 690 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 690 V for current peak value n=30 rated value ■ at 600 V rated value ■ at 110 V rated value ■ at 120 V rated value ■ at 220 V rated value ■ at 220 V rated value ■ at 440 V rated value ■ at 220 V rated		
• at AC-5a up to 690 V rated value • at AC-5b up to 200 V rated value • at AC-5b up to 200 V for current peak value n=20 rated value — 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 — up to 690 V for current peak value n=20 rated value — up to 690 V for current peak value n=20 rated value — up to 690 V for current peak value n=30 rated value — up to 230 V for current peak value n=30 rated value — up to 400 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 690 V rated value — at 220 V rated value — at 220 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at 220 V rated value		
at AC-5b up to 400 V rated value at AC-5b up to 400 V rated value al AC-6a all pto 500 V for current peak value n=20 rated value all pto 690 V for current peak value n=20 rated value all pto 590 V for current peak value n=20 rated value all pto 590 V for current peak value n=30 rated value all pto 590 V for current peak value n=30 rated value all pto 590 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current peak value n=30 rated value all pto 690 V for current path value n=30 rated value all pto 690 V for current path value n=35 A all 10 V rated value all 24 V rated value all 24 V rated value all 440 V		
• at AC-6a		
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 up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 230 V for current peak value n=30 rated value up to 230 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value at 400 V rated value at 24 V rated value at 24 V rated value at 220 V rated value		
value	— up to 230 V for current peak value n=20 rated	20.2 A
value — up to 690 V for current peak value n=20 rated value • at AC-6a — up to 230 V for current peak value n=30 rated value — up to 400 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 400 V rated value and consider the value operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 1 current path at DC-1 — at 24 V rated value — at 110 V rated value — at 220 V rated value — at 600 V rated value — at 24 V rated value — at 100 V rated value — at 440 V rated value — at 100 V rated value — at 220 V rated value — at 440 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 440 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 220 V rated value — at 24 V rat		20.2 A
• at AC-6a — up to 230 V for current peak value n=30 rated value — up to 400 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value — up to 690 V for current peak value n=30 rated value operational current for approx. 200000 operating cycles at AC-4 ■ at 400 V rated value ■ at 690 V rated value ■ at 110 V rated value — at 24 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value — at 22 V rated value — at 24 V rated value — at 24 V rated value — at 22 V rated value — at 24 V rated value — at 27 V rated value — at 28 V rated value — at 29 V rated value — at 20 V rated value — at 40 V rated value — at 20 V rated value — at 20 V rated value — at 40 V rated value — at 40 V rated value — at 410 V rated value — at 40 V rated value — 35 A — at 220 V rated value — at 40 V rated value — 35 A — at 220 V rated value — 35 A — at 220 V rated value — 35 A — at 220 V rated value — 35 A — at 220 V rated value — 35 A — 35 A — 35 A — 36 A — 37 A — 37 A — 38	value	
- up to 230 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 500 V for current peak value n=30 rated value - up to 690 V for current peak value n=30 rated value - up to 690 V for current peak value n=30 rated value - up to 690 V for current peak value n=30 rated value - up to 690 V for current peak value n=30 rated value - up to 690 V for current peak value n=30 rated value - up to 690 V for current peak value n=30 rated value - up to 690 V for current peak value n=30 rated value - at 400 V rated value - at 400 V rated value - at 400 V rated value - at 10 mm² 35 A - at 110 V rated value - at 220 V rated value - at 220 V rated value - at 440 V rated value - at 600 V rated value - at 600 V rated value - at 110 V rated value - at 110 V rated value - at 220 V rated value - at 220 V rated value - at 440 V rated value - at 220 V rated value - at 110 V rated value - at 220 V rated value - at 220 V rated value - at 220 V rated value - at 35 A - at 220 V rated value - at 600 V rated value - at 110 V rated value - at 110 V rated value - at 220 V rated value - at 110 V rated value - at 220 V rated value	value	12.9 A
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 mm² operational current for approx. 200000 operating cycles at AC-4 9 A • at 400 V rated value 9 A • at 690 V rated value 9 A • at 1 current path at DC-1 35 A — at 24 V rated value 4.5 A — at 120 V rated value 1 A — at 220 V rated value 0.4 A — at 600 V rated value 0.25 A • with 2 current paths in series at DC-1 35 A — at 220 V rated value 35 A — at 440 V rated value 5 A — at 220 V rated value 1 A — at 600 V rated value 1 A — at 440 V rated value 35 A — at 24 V rated value 1 A — at 220 V rated value 35 A — at 440 V rated value 35 A — at 24 V rated value 35 A — at 24 V rated value 35 A — at 24 V rated value 35 A — at 1110 V rated	— up to 230 V for current peak value n=30 rated	13.5 A
value — up to 690 V for current peak value n=30 rated value minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 1 current path at DC-1 — at 24 V rated value — at 110 V rated value — at 220 V rated value — at 400 V rated value — at 110 V rated value — at 210 V rated value — at 220 V rated value — at 24 V rated value — at 24 V rated value — at 25 V rated value — at 26 V rated value — at 27 V rated value — at 28 V rated value — at 29 V rated value — at 29 V rated value — at 210 V rated value — at 210 V rated value — at 210 V rated value — at 24 V rated value — at 27 V rated value — at 28 V rated value — at 29 V rated value — at 29 V rated value — at 440 V rated value — at 400 V rated value — at 24 V rated value — at 25 V rated value — at 26 V rated value — at 27 V rated value — at 28 V rated value — at 29 V rated value — at 29 V rated value — at 20 V rated value — at 20 V rated value — at 20 V rated value — at 24 V rated value — at 25 V rated value — at 27 V rated value — at 28 V rated value — at 29 V rated value — at 29 V rated value — at 29 V rated value — at 20 V rated value	value	
value minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 1 current path at DC-1 — at 24 V rated value — at 220 V rated value — at 220 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value — at 24 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 20 V rated value — at 440 V rated value — at 600 V rated value — at 20 V rated value — at 20 V rated value — at 220 V rated value — at 24 V rated value — at 440 V rated value — at 500 V rated value — at 20 V	value	
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 110 V rated value 1 A — at 440 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 35 A — at 110 V rated value 35 A — at 20 V rated value 35 A — at 20 V rated value 35 A — at 20 V rated value 35 A — at 24 V rated value 5 A — at 440 V rated value 5 A — at 24 V rated value 5 A — at 24 V rated value 1 A — at 600 V rated value 5 A — at 24 V rated value 35 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 220 V rated value 35 A	value	
 at 400 V rated value at 690 V rated value 9 A operational current at 1 current path at DC-1 — at 24 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value — at 440 V rated value — at 24 V rated value — at 24 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at 24 V rated value — at 220 V rated value 		
• 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 1 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 35 A — at 110 V rated value 35 A — at 110 V rated value 5 A — at 220 V rated value 1 A — at 600 V rated value 1 A — at 440 V rated value 35 A - at 220 V rated value 1 A — at 440 V rated value 35 A - at 110 V rated value 35 A - at 440 V rated value 35 A - at 220 V rated value 35 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 220 V rated value 35 A - at 220 V rated value 35 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 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 35 A — at 110 V rated value 5 A — at 220 V rated value 1 A — at 600 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 110 V rated value 35 A • at 110 V rated value 35 A — at 220 V rated value 35 A — at 220 V rated value 35 A — at 220 V rated value 35 A		9 A
- at 24 V rated value 35 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 35 A - at 110 V rated value 5 A - at 220 V rated value 5 A - at 440 V rated value 1 A - at 600 V rated value 1 A - at 600 V rated value 35 A - at 24 V rated value 35 A - at 220 V rated value 35 A - at 220 V rated value 35 A - at 220 V rated value 35 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 35 A - at 110 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 120 V rated value 35 A - at 220 V rated value 35 A - at 220 V rated value 35 A - at 24 V rated value 35 A - at 24 V rated value 35 A - at 220 V rated value 35 A - at 220 V rated value 35 A		05.4
- at 220 V rated value		
- at 440 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 5 A - at 220 V rated value 1 A - at 600 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 220 V rated value 35 A - at 220 V rated value 35 A		
 — at 600 V rated value ● with 2 current paths in series at DC-1 — at 24 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value ■ with 3 current paths in series at DC-1 — at 24 V rated value — at 110 V rated value — at 120 V rated value — at 220 V rated value 		
 with 2 current paths in series at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value with 3 current paths in series at DC-1		
- at 24 V rated value 35 A - at 110 V rated value 5 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		U.25 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		25.4
- 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 — at 600 V rated value • with 3 current paths in series at DC-1 — at 24 V rated value — at 110 V rated value — at 220 V rated value 35 A — at 220 V rated value 35 A 		
 — at 600 V rated value ● with 3 current paths in series at DC-1 — at 24 V rated value — at 110 V rated value — at 220 V rated value 35 A — at 220 V rated value 35 A 		
 with 3 current paths in series at DC-1 — at 24 V rated value — at 110 V rated value — at 220 V rated value 35 A — 35 A 		
 at 24 V rated value at 110 V rated value at 220 V rated value 35 A 35 A 		U.U A
 — at 110 V rated value — at 220 V rated value 35 A 35 A 		35 Δ
— at 220 V rated value 35 A		

at COO V rated value	4.4.0
— at 600 V rated value	1.4 A
• at 1 current path at DC-3 at DC-5	20. 4
— at 24 V rated value	20 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A 0.09 A
— at 440 V rated value— at 600 V rated value	0.06 A
with 2 current paths in series at DC-3 at DC-5	0.00 A
— 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-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 400 V rated value at 690 V rated value	7.7 kW
operating apparent power at AC-6a	1.1 1/44
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	299 A; Use minimum cross-section acc. to AC-1 rated value
Ilmited to 10 s switching at zero current maximum Ilmited to 20 s switching at zero current maximum	200 A; Use minimum cross-section acc. to AC-1 rated value
Ilmited to 30 s switching at zero current maximum Ilmited to 60 s switching at zero current maximum	128 A; Use minimum cross-section acc. to AC-1 rated value
Iimited to 60 s switching at zero current maximum policial switching frequency	106 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency • at DC	1 500 1/h
operating frequency	1 000 1/11
• 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	DC
control supply voltage at DC	
• rated value	24 V
operating range factor control supply voltage rated	

value of magnet sail at DC	
value of magnet coil at DC	0.0
• initial value	0.8
• full-scale value	1.1 5.9 W
closing power of magnet coil at DC	
holding power of magnet coil at DC	5.9 W
closing delay • at DC	50 170 ms
opening delay	30 170 ms
• at DC	15 18 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2, optionally via function module
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
 at 400 V rated value 	3 A
 at 500 V rated value 	2 A
• at 690 V rated value	1 A
operational current at DC-12	
 at 24 V rated value 	10 A
 at 48 V rated value 	6 A
 at 60 V rated value 	6 A
 at 110 V rated value 	3 A
at 125 V rated value	2 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 	10 A
at 48 V rated value	2 A
at 60 V rated value	2 A
• at 110 V rated value	1 A
at 125 V rated value	0.9 A
at 220 V rated value	0.3 A
• at 600 V rated value	0.1 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	24.4
at 480 V rated value at 600 V rated value	21 A
 at 600 V rated value yielded mechanical performance [hp] 	22 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	·p
— 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 / 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
sining position	

factories models d	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
 at contactor for auxiliary contacts 	Screw-type terminals
of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
• for main contacts	0 (4 0 5 3) 0 (0 5 40 3)
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
 finely stranded with core end processing at AWG cables for main contacts 	2x (1 2.5 hilli-), 2x (2.5 6 hilli-), 1x 10 hilli- 2x (16 12), 2x (14 8)
connectable conductor cross-section for main	28 (10 12), 28 (14 0)
contacts	
• solid	1 10 mm²
stranded	1 10 mm²
 finely stranded with core end processing 	1 10 mm²
connectable conductor cross-section for auxiliary contacts	
 solid or stranded 	0.5 2.5 mm ²
 finely stranded with core end processing 	0.5 2.5 mm ²
type of connectable conductor cross-sections	
for auxiliary contacts	0 (0 7 4 7 0) 0 (0 7 7 7 7 7 7
— 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)
at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross	2x (20 16), 2x (18 14)
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	40.07
with low demand rate according to SN 31920 with high demand rate according to SN 31920	40 %
with high demand rate according to SN 31920 failure rate [EIT] with low demand rate according to SN.	73 % 100 FIT
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	IP20

60529

touch protection on the front according to IEC 60529 suitability for use

· safety-related switching OFF

finger-safe, for vertical contact from the front

Certificates/ approvals

General Product Approval





Confirmation



<u>KC</u>



EMC

Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates



Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>

Test Certificates

Marine / Shipping

Miscellaneous











Marine / Shipping

other



Railway Vibration and Shock

Transport Information

Dangerous Good



Environmental Confirmations

Confirmation



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=3RT2026-1BB40-0CC0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-1BB40-0CC0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1BB40-0CC0

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

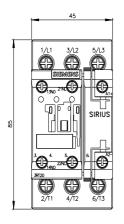
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2026-1BB40-0CC0&lang=en

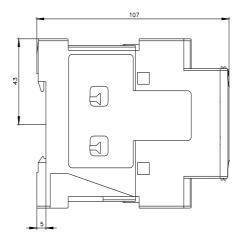
Characteristic: Tripping characteristics, I2t, Let-through current

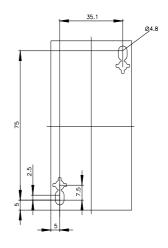
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1BB40-0CC0/char

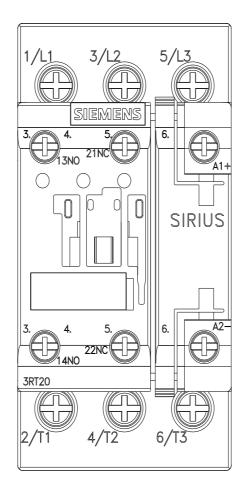
Further characteristics (e.g. electrical endurance, switching frequency)

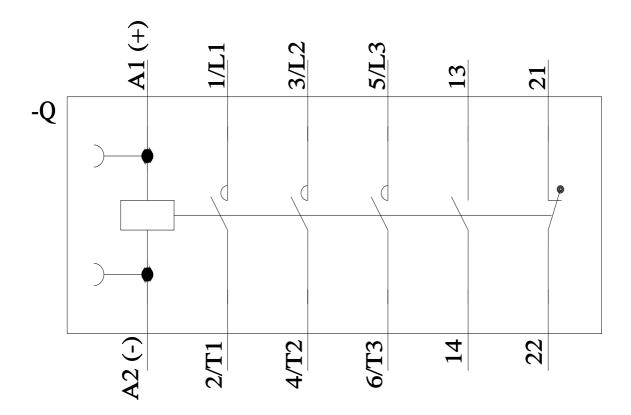
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-1BB40-0CC0&objecttype=14&gridview=view1











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