SIEMENS

Data sheet

3RT2017-2BE42



power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 60 V DC 3-pole, Size S00 Spring-type terminal

product brand name	SIRIUS
product brand name	Power contactor
product designation product type designation	3RT2
General technical data	
	S00
size of contactor	500
product extension	N.
function module for communication	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
at AC in hot operating state	1.5 W
at AC in hot operating state per pole	0.5 W
without load current share typical	4 W
insulation voltage	2001/
 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	7.3g / 5 ms, 4.7g / 10 ms
shock resistance with sine pulse	
• at DC	11,4g / 5 ms, 7,3g / 10 ms
mechanical service life (switching cycles)	
 of contactor typical 	30 000 000
 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 	22 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	22 A
— up to 690 V at ambient temperature 60 °C rated value	20 A
• at AC-3	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
• at AC-4 at 400 V rated value	8.5 A
 at AC-5a up to 690 V rated value 	19.4 A
• at AC-5b up to 400 V rated value	9.9 A
• at AC-6a	
 up to 230 V for current peak value n=20 rated value 	7.2 A
 up to 400 V for current peak value n=20 rated value 	7.2 A
— up to 500 V for current peak value n=20 rated value	7.2 A
 — up to 690 V for current peak value n=20 rated value 	6.7 A
 at AC-6a up to 230 V for current peak value n=30 rated value 	4.8 A
 up to 400 V for current peak value n=30 rated value 	4.8 A
 — up to 500 V for current peak value n=30 rated value 	4.8 A
— up to 690 V for current peak value n=30 rated value	4.8 A
minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating	4 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	20 A
— at 110 V rated value	2.1 A
— at 220 V rated value	0.8 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
 with 2 current paths in series at DC-1 	
- at 24 V rated value	20 A
— at 110 V rated value	12 A
	1.6 A
— at 220 V rated value	
— at 440 V rated value	0.8 A
— at 600 V rated value	0.7 A
 with 3 current paths in series at DC-1 	

— at 24 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	20 A
— at 440 V rated value	1.3 A
— at 600 V rated value	1 A
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	20 A
— at 110 V rated value	0.1 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	20 A
— at 110 V rated value	0.35 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	1.5 A
— at 440 V rated value	0.2 A
— at 600 V rated value	0.2 A
operating power	0.2 /
• at AC-3	
• at AC-3 — at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
• at AC-3e	5.5 KW
	2 144
— at 230 V rated value	3 kW
— at 400 V rated value	5.5 kW
— at 500 V rated value	5.5 kW
— at 690 V rated value	5.5 kW
operating power for approx. 200000 operating cycles at AC-4	
• 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 	2.8 kVA
 up to 400 V for current peak value n=20 rated value 	4.9 kVA
 up to 500 V for current peak value n=20 rated value 	6.2 kVA
 up to 690 V for current peak value n=20 rated value 	8 kVA
operating apparent power at AC-6a	
 up to 230 V for current peak value n=30 rated value 	1.9 kVA
 up to 400 V for current peak value n=30 rated value 	3.3 kVA
 up to 500 V for current peak value n=30 rated value 	4.1 kVA
 up to 690 V for current peak value n=30 rated value 	5.7 kVA
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	200 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	123 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	96 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	74 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	61 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at DC	10 000 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	DC
control supply voltage at DC	

Inited value Portating range factor control supply voltage rated value of magnet coll at DC Initial value		
value of magnet coll at DC 0.8 • Initial value 0.8 • Initial value 1.1 closing operer of magnet coll at DC 4.W • Initial value 0.8 • Initial value 0.8 • Initial value 0.8 • Initial value 0.4 • Initial value 0.4 • Initial value 0.9 • Initial value 0	rated value	60 V
Initial value Initian Initial value Initian Initial value Initian		
• full-scale value 1.1 closing power of magnet coil at DC 4 W holding power of magnet coil at DC 4 W closing delay		0.0
closing power of magnet coil at DC 4 W holding power of magnet coil at DC 4 W closing delay 30 100 ms • at DC 30 100 ms opening delay 100 15 ms • at DC 7 13 ms arcing time 10 15 ms control version of the switch operating mechanism Standard A1 - A2 Awaking victurent at AC-12 maximum 10.A operational current at AC-12 maximum 10.A operational current at AC-15 1 • at 280 V rated value 10.A • at 60 V rated value 1A operational current at AC-15 6.A • at 80 V rated value 6.A • at 80 V rated value 6.A • at 80 V rated value 1A operational current at AC-13 • at 24 V rated value 10.A • at 80 V rated value 2.A • at 80 V rated value 2.A • at 125 V rated value 2.A • at 24 V rated value 10.A • at 24 V rated value 2.A • at 120 V rated value 2.A • at 60 V rated value 2.A		
hoting power of magnet coil at DC 4 W closing delay		
closing delay a) 100 ms opening delay		
• at DC 30 100 ms opening delay 7 13 ms arcing time 0 16 ms control version of the switch operating mechanism 10 16 ms Auxitary circuit 1 number of NC contacts for auxiliary contacts 1 instantaneous contact 10.A operational current at AC-15 1 • at 200 V rated value 1A • at 300 V rated value 2A • at 300 V rated value 1A operational current at AC-15 1 • at 300 V rated value 2A • at 300 V rated value 1A operational current at DC-12 1A • at 300 V rated value 6A • at 300 V rated value 6A • at 300 V rated value 6A • at 300 V rated value 1A operational current at DC-12 1A • at 300 V rated value 1A • at 400 V rated value 1A • at 300 V rated value 1A • at 400 V rated value 1A • at 400 V rated v		4 VV
opening delay 7 13 ms • at DC 7 13 ms arcing time 10 15 ms control version of the switch oparating mechanism Standard A1 - A2 Avxilary decret 1 number of NC contacts for auxiliary contacts 1 instananceus contact 1 operational current at AC-12 maximum 10 A operational current at AC-12 maximum 10 A operational current at AC-12 maximum 10 A operational current at DC-12 10 A • at 800 V rated value 2 A • at 800 V rated value 6 A • at 80 V rated value 6 A • at 80 V rated value 1 A operational current at DC-13 1 A • at 80 V rated value 2 A • at 80 V rated value 1 A <		
• at DC 713 ms arcing time 1015 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 1 number of NC contects for auxiliary contacts 1 operational current at AC-15 1 • at 230 V rated value 10 A • at 230 V rated value 2 A • at 600 V rated value 1 A • of 240 V rated value 6 A • at 40 V rated value 6 A • at 40 V rated value 6 A • at 100 V rated value 1 A operational current at DC-12 • at 40 V rated value • at 40 V rated value 6 A • at 100 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 2 A • at 100 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 2 A • at 200 V rated value 2 A • at 210 V rated value 1 A • at 220 V rated value 1 A • at 220 V rated value 0 A • at 220 V rated value 1 A		30 100 ms
arcing time 1015 ms control version of the switch oparating mechanism Standard A1 - A2 Auxiliary circuit Standard A1 - A2 number of NC contacts for auxiliary contacts 1 instantaneous contact 10.A operational current at AC-12 maximum 10.A operational current at DC-12 0 • at 600 V rated value 6.A • at 600 V rated value 6.A • at 10 V rated value 6.A • at 220 V rated value 10.A • at 220 V rated value 0.15 A operational current at DC-13 0.15 A • at 220 V rated value 0.3 A • at 220 V rated value 0.3 A • at 220 V rated value 0.3 A • at 220 V rated value 0.14 A • at 220 V rated value 11 A • at 220 V rated value 11 A • at 220 V rated value		
control version of the switch operating mechanism Standard A1 - A2 Auxinary circuit Instantaneous contact instantaneous contact operational current at AC-15 1 operational current at AC-15 Instantaneous contact instantaneous contact operational current at AC-15 Instantaneous contact instantaneous contact operational current at AC-15 • at 200 V rated value 3 A Instantaneous contact instantaneous contact operational current at BC-12 Instantaneous contact instantaneous contact instantaneous contact instantantaneous contact instantaneous contact instantantaneous contact instantaneous contact instantaneous contact instantaneous contact instantaneous contact instantantantantantantantantantantantantant		
Auxiliary circuit 1 number of NC contacts for auxiliary contacts 1 instantaneous contact 10 A operational current at AC-12 maximum 10 A • at 230 V rated value 10 A • at 230 V rated value 2 A • at 600 V rated value 1 A operational current at AC-12 1 A operational current at AC-12 1 A • at 600 V rated value 1 A operational current at DC-12 1 A • at 60 V rated value 6 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 1 A operational current at DC-13 2 A • at 60 V rated value 0 A • at 60 V rated value 0 A • at 60 V rated value 0 A • at 61 V rated value 2 A • at 61 V rated value 2 A • at 60 V rated value 1 A • at 60 V rated value 0 A • at 60 V rated value 0 A • at 60 V rated value 0 A • at 60 V rated value 1 A		
number of NC contacts for auxiliary contacts 1 instantinacous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15 10 A • at 230 V rated value 3 A • at 650 V rated value 1 A operational current at DC-12 1 A • at 60 V rated value 1 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 10 V rated value 1 A • at 20 V rated value 2 A • at 20 V rated value 2 A • at 20 V rated value 0.15 A • at 40 V rated value 1 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A • at 20 V rated value 1 faulty switching per 100 m		Standard A1 - A2
inistanianeous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 60 V rated value • at 60 V rated value • at 125 V rated value • at 220 V rated value • at 22020 V rated value • at 3 hp • at 3 fbp • at 3	Auxiliary circuit	
operational current at AC-12 maximum 10 A operational current at AC-12		1
operational current at AC-15 10 A • el 230 V rated value 10 A • el 500 V rated value 2 A • el 500 V rated value 1 A operational current at DC-12 1 A • el 40 V rated value 6 A • el 42 V rated value 6 A • el 42 V rated value 2 A • el 22 V rated value 2 A • el 22 V rated value 2 A • el 22 V rated value 0.15 A operational current at DC-13 10 A • el 24 V rated value 2 A • el 60 V rated value 2 A • el 60 V rated value 2 A • el 60 V rated value 0.9 A • el 22 V rated value 0.1 A • el 60 V rated value 0.1 A • el 60 V rated value 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 11 A full-load current (FLA) for 3-phase AC motor 1 a • el 600 V rated value		
 at 230 V rated value at 400 V rated value at 600 V rated value at 690 V rated value at 60 V rated value at 60 V rated value at 60 V rated value at 750 V rated value at 600 V rated value bit 72 V rated value contact reliability of auxiliary contacts bit 72 V rated value bit 74 V rated value contact reliability of auxiliary contacts bit 200 V rated value bit 74 V rated value bit 74 V rated value<		10 A
• at 400 V rated value 3 A • • at 600 V rated value 2 A • • at 600 V rated value 1 A operational current at DC-12 0 • • at 24 V rated value 6 A • • at 48 V rated value 6 A • • at 600 V rated value 6 A • • • • • • • • • • • • • • • • • • •		
 at 500 V rated value at 600 V rated value 1A operational current at DC-12 at 24 V rated value 0A at 84 V rated value 6A at 10 V rated value 6A at 125 V rated value 1A at 220 V rated value 6A at 125 V rated value 1A at 220 V rated value 1A at 42 V rated value 1A at 42 V rated value 2A at 10 V rated value 2A at 10 V rated value 2A at 20 V rated value 0.4 at 20 V rated value 0.4 at 20 V rated value 0.4 at 600 V rated value 0.5 hp at 200 V rated value 11 A at 200/280 V rated value 12 hp for 3-phase AC motor at 200/280 V rated value 3 hp at 400/480 V rated value 3 hp at 4200		
• at 680 V rated value 1 A operational current at DC-12 10 A • at 48 V rated value 6 A • at 60 V rated value 6 A • at 10 V rated value 3 A • at 120 V rated value 2 A • at 200 V rated value 0.15 A operational current at DC-13 0.15 A • at 600 V rated value 0.15 A operational current at DC-13 0.16 A • at 60 V rated value 2 A • at 60 V rated value 0.15 A operational current at DC-13 0.16 A • at 42 V rated value 0.16 A • at 60 V rated value 0.14 A • at 220 V rated value 0.14 A • at 60 V rated value 11 A • at 60 V rated value 11 A • at 60 V rated value 11 A • at 60 V rated value 0.5 hp - at 1200 V rated value 0.5 hp <td></td> <td></td>		
operational current at DC-12 10 A • at 24 V rated value 10 A • at 60 V rated value 6 A • at 10 V rated value 6 A • at 25 V rated value 2 A • at 220 V rated value 10 A • at 20 V rated value 2 A • at 20 V rated value 0.15 A operational current at DC-13 10 A • at 48 V rated value 0.15 A operational current at DC-13 10 A • at 48 V rated value 2 A • at 210 V rated value 2 A • at 20 V rated value 0.9 A • at 220 V rated value 0.1 A • at 200 V rated value 0.1 A • at 200 V rated value 0.1 A • at 600 V rated value 11 A • at 480 V rated value 11 A • at 200208 V rat		
 at 24 V rated value at 48 V rated value A at 40 V rated value A at 10 V rated value A at 110 V rated value A at 125 V rated value A at 200 V rated value A at 600 V rated value A at 610 V rated value A at 600 V rated value A A at 600 V rated value A B A A		1 A
 at 48 V rated value 6 A at 10 V rated value 6 A at 110 V rated value 2 A at 22 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 25 V rated value 2 A at 20 V rated value 2 A at 20 V rated value 2 A at 30 V rated value 3 A at 30 V rated value 3 A at 600 V rated value 1 A at 600 V rated value 1 A bit 25 V rated value 1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 11 A ta 480 V rated value 11 A ta 480 V rated value 11 A ta 420 V rated value 2 hp for single-phase AC motor - at 200/200 V rated value 3 hp - at 200/200 V rated value 3 hp - at 57/5800 V rated value - at 57/5800 V rated value - at 600/480 V rated value - at 60/480 V rated value - with type of coordination 1 re	•	
 at 60 V rated value 6 A at 110 V rated value 3 A at 220 V rated value 1 A at 220 V rated value 1 A at 60 V rated value 0.15 A operational current at DC-13 at 24 V rated value 10 A at 48 V rated value 10 A at 60 V rated value 2 A at 60 V rated value 3 A at 60 V rated value 1 A at 20 V rated value 0.9 A at 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA ratings full-load current (FLA) for 3-phase AC motor at 300 V rated value 11 A ta 480 V rated value 11 A ta 480 V rated value 11 A ta 480 V rated value 11 A ta 480 V rated value 11 A ta 480 V rated value 11 A ta 480 V rated value 5 hp at 230 V rated value 2 hp for 3-phase AC motor - at 220/230 V rated value 3 hp - at 200/280 V rated value 3 hp - at 57/500 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Sbort-circuit protection of the main circuit - with type of assignment 2 required gG: 50A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA)<!--</td--><td></td><td></td>		
 et 110 V rated value at 125 V rated value at 220 V rated value 0.15 A operational current at DC-13 et at 42 V rated value 0.16 A operational current at DC-13 et at 43 V rated value 2 A at 60 V rated value 3 A at 60 V rated value 0.5 hp at 200 V rated value 11 A yielded mechanical performance [hp] for single-phase AC motor at 200 V rated value 2 hp for 3-phase AC motor at 200 V rated value 2 hp for 3-phase AC motor at 200 V rated value 2 hp for 3-phase AC motor at 200 V rated value 2 hp for 3-phase AC motor at 200 V rated value 5 hp at 200 V rated value 4 hot 0.5 hp at 200 V rated value 4 hot 0.5 hp at 200 V rated value 4 hot 0.5 hp at 200 V rated value 5 hp at 3 hp at 500 V rated value 5 hp at 600 V rated value 5 hp at 500 V rated value 5 hp at 600 V rated value 5 hp at 55 hot-circuit protection of the main circuit with type of coordination 1 requir		
 et at 25 V rated value et 22 V rated value 0.15 A operational current at DC-13 et 24 V rated value 0.16 A et 44 V rated value 10 A et 45 V rated value 2 A et 60 V rated value 2 A et 60 V rated value 2 A et 110 V rated value 2 A et 110 V rated value 2 A et 110 V rated value 2 A et 20 V rated value 0.9 A et 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA ratings full-load current (FLA) for 3-phase AC motor et 480 V rated value 11 A yielded mechanical performance [hp] for single-phase AC motor et 110 V rated value 2 hp for 3-phase AC motor et 2002 V rated value 3 hp et 357/5600 V rated value 3 hp et 357/5600 V rated value 4 600 / 2600 Short-circuit protection of the main circuit with type of coordination 1 required G: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V, 80KA) gC: 10 A (500 V, 1 tA) 	• at 60 V rated value	6 A
et 220 V rated value 1 A • at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 48 V rated value 2 A • at 10 V rated value 2 A • at 10 V rated value 0.9 A • at 10 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • at 800 V rated value 11 A • at 200 V rated value 11 A • at 200 V rated value 11 A • at 200 V rated value 1 A • at 200208 V rated value 3 hp • at 200208 V rated value 3 hp • at 200208 V rated value 10 hp contact rating of auxillary contacts a	 at 110 V rated value 	3 A
• at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 48 V rated value 2 A • at 68 V rated value 2 A • at 10 V rated value 2 A • at 110 V rated value 0.9 A • at 22 V rated value 0.3 A • at 200 V rated value 0.1 A • at 600 V rated value 0.1 A • at 600 V rated value 0.1 A • otact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 11 A full-load current (FLA) for 3-phase AC motor 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • at 480 V rated value 11 A • at 200 Z08 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V, 80kA) gG: 20A	 at 125 V rated value 	2 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 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 11 A full-load current (FLA) for 3-phase AC motor 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] 11 A • for single-phase AC motor - at 110/120 V rated value - at 200/208 V rated value 2 hp • for 3-phase AC motor - at 2200/20 V rated value - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V,80kA)	 at 220 V rated value 	1 A
• at 24 V rated value 10 A • at 48 V rated value 2 A • at 48 V rated value 2 A • at 10 V rated value 1 A • at 110 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 11 A full-load current (FLA) for 3-phase AC motor 11 A • at 800 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • at 200 V rated value 11 A • at 200 V rated value 11 A • at 200 V rated value 2 hp • for single-phase AC motor - - at 200/208 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 460480 V rated value - with type of coordination 1 required G: 50A (690V,100kA), aM: 20A (690V,100kA), BS8: 35A (415V,80kA) - with type of	at 600 V rated value	0.15 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 11 A full-load current (FLA) for 3-phase AC motor 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A • at 200 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor - - at 220/230 V rated value 3 hp - at 220/230 V rated value 3 hp - at 420/430 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)	operational current at DC-13	
 at 60 V rated value at 110 V rated value at 110 V rated value 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-coad current (FLA) for 3-phase AC motor at 460 V rated value 11 A at 600 V rated value 11 A e for single-phase AC motor at 110/120 V rated value 11 A i for 3-phase AC motor at 220/208 V rated value 2 hp for 3-phase AC motor at 220/208 V rated value 3 hp at 2575/600 V rated value 75 hp at 575/600 V rated value 75 hp at 575/600 V rated value 4604 x0 V cated value 75 hp at 575/600 V rated value 75 hp at 676/600 V rated value 75 hp at 575/600 V rated value 75 hp bo or 12/200 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / 0600 Short-circuit protection of the main circuit with type of coordination 1 required g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) g6: 10	 at 24 V rated value 	10 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 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 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • of or single-phase AC motor - at 110/120 V rated value • at 230 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor - at 200/208 V rated value - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 460/480 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - with type of assignment 2 required 80kA) - with type	 at 48 V rated value 	2 A
• at 125 V rated value 0.9 Å • at 220 V rated value 0.1 Å • at 600 V rated value 0.1 Å • contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 11 Å • at 480 V rated value 11 Å • at 600 V rated value 11 Å • at 200 V rated value 11 Å • at 10/120 V rated value 0.5 hp - at 210 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 220/230 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS8: 35A (415V,80kA) - with type of assignment 2 required gG:	 at 60 V rated value 	2 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 1 full-load current (FLA) for 3-phase AC motor 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A vielded mechanical performance [hp] 11 A • for single-phase AC motor - at 110/120 V rated value - at 230 V rated value 2 hp • for 3-phase AC motor - at 220/230 V rated value - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS8: 35A (415V,80kA) · for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)	 at 110 V rated value 	1 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 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 260/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V, 80kA) - with type of assignment 2 required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)	 at 125 V rated value 	0.9 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 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] for single-phase AC motor - at 101/120 V rated value - at 230 V rated value - at 200/208 V rated value - at 200/208 V rated value - at 200/208 V rated value - at 460/480 V rated value - at 660/480 V rated value - at 675/600 V rated value - with type of coordination 1 required - with type of coordination 1 required - with type of coordination 1 required - with type of assignment 2 required - 600 × 1	 at 220 V rated value 	0.3 A
UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] • for single-phase AC motor - at 230 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor - at 200/208 V rated value - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 10 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)	at 600 V rated value	0.1 A
full-load current (FLA) for 3-phase AC motor 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] 11 A • for single-phase AC motor 0.5 hp - at 110/120 V rated value 2 hp • for 3-phase AC motor 2 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 Short-circuit protection of the main circuit 9C: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gC: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required 9C: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch gC: 10 A (500 V, 1 kA)	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
 at 480 V rated value 11 A at 600 V rated value 11 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 0.5 hp at 230 V rated value 2 hp for 3-phase AC motor at 200/208 V rated value 3 hp at 220/230 V rated value 3 hp at 220/230 V rated value 3 hp at 575/600 V rated value 2 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 assignment 2 required GG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 50A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) 	UL/CSA ratings	
• at 600 V rated value11 Ayielded mechanical performance [hp]11 A• for single-phase AC motor0.5 hp- at 110/120 V rated value0.5 hp- at 230 V rated value2 hp• for 3-phase AC motor at 200/208 V rated value3 hp- at 200/208 V rated value3 hp- at 220/230 V rated value3 hp- at 460/480 V rated value7.5 hp- at 460/480 V rated value10 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiongG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of coordination 1 requiredgG: 50A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switchgG: 10 A (500 V, 1 kA)	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)	• at 480 V rated value	11 A
 for single-phase AC motor at 110/120 V rated value bp at 230 V rated value bp at 230 V rated value bp for 3-phase AC motor at 200/208 V rated value bp at 220/230 V rated value bp at 460/480 V rated value 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: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA) 	at 600 V rated value	11 A
 at 110/120 V rated value at 230 V rated value bp at 230 V rated value contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link for short-circuit protection 1 required gG: 50A (690V,100kA), aM: 20A (690V, 100kA), BS88: 35A (415V,80kA) with type of assignment 2 required gG: 10 A (500 V, 1 kA) 	yielded mechanical performance [hp]	
 at 230 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 bp at 460/480 V rated value 7.5 hp at 575/600 V rated value 10 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: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 required gG: 10 A (500 V, 1 kA) 	 for single-phase AC motor 	
 for 3-phase AC motor at 200/208 V rated value bp at 220/230 V rated value bp at 460/480 V rated value cat 460/480 V rated value bp at 575/600 V rated value bp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link 	— at 110/120 V rated value	0.5 hp
 at 200/208 V rated value at 220/230 V rated value bp at 460/480 V rated value bp at 460/480 V rated value 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 with type of assignment 2 required for short-circuit protection of the auxiliary switch of or short-circuit protection of the auxiliary switch 	— at 230 V rated value	2 hp
 at 220/230 V rated value at 460/480 V rated value 7.5 hp at 575/600 V rated value 10 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: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA) 	• for 3-phase AC motor	
 at 220/230 V rated value at 460/480 V rated value 7.5 hp at 575/600 V rated value 10 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: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA) 	— at 200/208 V rated value	3 hp
at 460/480 V rated value7.5 hp at 575/600 V rated value10 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectionA600 / Q600design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 requiredgG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switchgG: 10 A (500 V, 1 kA)	— at 220/230 V rated value	3 hp
at 575/600 V rated value10 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiondesign of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 requiredgG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switchgG: 10 A (500 V, 1 kA)	— at 460/480 V rated value	
contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link e for short-circuit protection of the main circuit - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)	— at 575/600 V rated value	
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) — with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)		
design of the fuse link gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)		
 for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA) 		
 with type of coordination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) 	-	
 with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA) 		aG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
• for short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA)		gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,

nstallation/ 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	70 mm		
width	45 mm		
depth	73 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	spring-loaded terminals		
 for auxiliary and control circuit 	spring-loaded terminals		
 at contactor for auxiliary contacts 	Spring-type terminals		
of magnet coil	Spring-type terminals		
type of connectable conductor cross-sections			
 for main contacts 			
— solid	2x (0.5 4 mm²)		
— solid or stranded	2x (0,5 4 mm²)		
 finely stranded with core end processing 	2x (0.5 2.5 mm²)		
 finely stranded without core end processing 	2x (0.5 2.5 mm²)		
at AWG cables for main contacts	_ 2x (20 12)		
connectable conductor cross-section for main			
contacts ● solid	0.5 4 mm²		
solid stranded	0.5 4 mm ²		
 stranded finely stranded with core end processing 	0.5 4 mm ²		
 Intely stranded with core end processing finely stranded without core end processing 	0.5 2.5 mm²		
connectable conductor cross-section for auxiliary			
contacts			
solid or stranded	0.5 4 mm²		
 finely stranded with core end processing 	0.5 2.5 mm²		
• finely stranded without core end processing	0.5 2.5 mm²		
type of connectable conductor cross-sections			
 for auxiliary contacts 			
— solid or stranded	2x (0,5 4 mm²)		
 finely stranded with core end processing 	2x (0.5 2.5 mm ²)		
 finely stranded without core end processing 	2x (0.5 2.5 mm ²)		
 at AWG cables for auxiliary contacts 	2x (20 12)		
AWG number as coded connectable conductor cross section			
 for main contacts 	20 12		
 for auxiliary contacts 	20 12		
Safety related data			
product function			

 mirror contact acc 	cording to IEC 60947-	4-1	Yes				
B10 value with high demand rate according to SN 31920		1 000 000					
proportion of dangero	ous failures						
with low demand rate according to SN 31920		40 %					
with high demand rate according to SN 31920		73 %					
failure rate [FIT] with lov 31920	w demand rate accord	ling to SN	100 FIT				
T1 value for proof test interval or service life according to IEC 61508		20 у					
protection class IP on 60529	the front according	to IEC	IP20				
touch protection on th	ne front according to	IEC 60529	finger-safe, for vertical contact from the front				
suitability for use			Vec				
safety-related swi			Yes				
Certificates/ approvals							
General Product App	roval						
SA SA		<u>Confirmatic</u>		<u>KC</u>	EHC		
EMC	Functional Safety/Safety of Machinery	Declaration o	of Conformity	Test Certificates			
RCM	<u>Type Examination</u> <u>Certificate</u>		CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report		
Marine / Shipping		Ĵå	Llovds Register	6			
ABS	BUREAU VERITAS	DNV	LRS	PRS	RINA		
Marine / Shipping	other		Dangerous Good	l			
RMRS	<u>Confirmation</u>	UDE VDE	<u>Transport Informa</u> <u>tion</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=3RT2017-2BE42 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-2BE42 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2BE42 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2017-2BE42⟨=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-2BE42/char							
Further characteristic	s (e.g. electrical end	urance, switch	https://support.industry.siemens.com/cs/wwien/ps/3R1201/-2BE42/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2017-2BE42&objecttype=14&gridview=view1				

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