SIEMENS

Data sheet

3RT2015-1BW41



Power contactor, AC-3 7 A, 3 kW / 400 V 1 NO, 48 V DC 3-pole, Size S00 screw terminal

needuct brand name	SIRIUS
product brand name product designation	Power contactor
product designation	3RT2
General technical data	SIVIZ
	200
size of contactor	S00
product extension	
function module for communication	No
auxiliary switch	Yes
power loss [W] for rated value of the current	0.01W
at AC in hot operating state	0.6 W
at AC in hot operating state per pole	0.2 W
without load current share typical	4 W
insulation voltage	600.1/
 of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated 	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	400 V
coil and main contacts according to EN 60947-1	
shock resistance at rectangular impulse	
• at DC	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at DC	10,5g / 5 ms, 6,6g / 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	18 A
rated value	
• at AC-1	40.4
— up to 690 V at ambient temperature 40 °C rated value	18 A
— up to 690 V at ambient temperature 60 °C	16 A
rated value	
• at AC-3	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-3e	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-4 at 400 V rated value	6.5 A
 at AC-5a up to 690 V rated value 	15.8 A
 at AC-5b up to 400 V rated value 	5.8 A
● at AC-6a	
— up to 230 V for current peak value n=20 rated value	4 A
— up to 400 V for current peak value n=20 rated value	4 A
— up to 500 V for current peak value n=20 rated value	3.8 A
— up to 690 V for current peak value n=20 rated value	3.6 A
 at AC-6a — up to 230 V for current peak value n=30 rated 	2.7 A
value — up to 400 V for current peak value n=30 rated value	2.7 A
— up to 500 V for current peak value n=30 rated value	2.5 A
— up to 690 V for current peak value n=30 rated value	2.4 A
minimum cross-section in main circuit at maximum AC-1 rated value	2.5 mm ²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	2.6 A
at 690 V rated value	1.8 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	15 A
— at 110 V rated value	1.5 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.42 A
— at 600 V rated value	0.42 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	15 A
— at 110 V rated value	8.4 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.5 A
 with 3 current paths in series at DC-1 	

— at 24 V rated value	15 A
— at 110 V rated value	15 A
— at 220 V rated value	15 A
— at 440 V rated value	0.9 A
— at 600 V rated value	0.7 A
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	15 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	15 A
— at 110 V rated value	0.25 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	15 A
— at 110 V rated value	15 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.14 A
— at 600 V rated value	0.14 A
operating power	
• at AC-3	
— at 230 V rated value	1.5 kW
— at 200 V rated value	3 kW
- at 500 V rated value	3 kW
— at 690 V rated value	4 kW
• at AC-3e	
- at 230 V rated value	1.5 kW
— at 200 V rated value	3 kW
— at 500 V rated value	3 kW
— at 690 V rated value	4 kW
operating power for approx. 200000 operating cycles at AC-4	
 at 400 V rated value 	1.15 kW
• at 690 V rated value	1.15 kW
operating apparent power at AC-6a	
 up to 230 V for current peak value n=20 rated value 	1.5 kVA
 up to 400 V for current peak value n=20 rated value 	2.7 kVA
 up to 500 V for current peak value n=20 rated value 	3.3 kVA
 up to 690 V for current peak value n=20 rated value 	4.3 kVA
operating apparent power at AC-6a	
 up to 230 V for current peak value n=30 rated value 	1 kVA
 up to 400 V for current peak value n=30 rated value 	1.8 kVA
 up to 500 V for current peak value n=30 rated value 	2.2 kVA
 up to 690 V for current peak value n=30 rated value 	2.9 kVA
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	120 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	86 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	67 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	52 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	43 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	
control ouppity rollage at DO	

trade value orrent and prove fragment coll at DC vilus of magnet coll at DC vilus cale value (i) scale value		
value of magnet coll at DC 0.8 • Uil-scale value 1.1 closing dower of magnet coll at DC 4.W holding power of magnet coll at DC 4.W closing dolay 0100 ms opening dolay 0100 ms • at DC 0100 ms opening dolay 010 ms • at DC 010 ms control version of the switch operating mechanism Standard A1 - A2 //writary verticat 1 instanteneus contacts for auxiliary contacts 1 instanteneus contacts for auxiliary contacts 10.A operational current at AC-15 0.A • at 300 V rated value 1A operational current at AC-16 0.A • at 300 V rated value 1A operational current at AC-17 0.A • at 400 V rated value 1A operational current at AC-18 0.A • at 30 V rated value 0A • at 20 V	rated value	48 V
Initial value O O O Initial value O O Initial value O O Initial value O		
• full-scale value 11 closing power of magnet coil at DC 4 W Inding power of magnet coil at DC 4 W closing delay at DC • at DC 30 100 ms opering delay 10 15 ms • at DC 7 13 ms arcing time 10 15 ms control version of the subth operating mechanism 10 A operational current at AC-12 maximum 10 A operational current at DC-12 0 at 300 V rated value 1 A operational current at DC-13 0 A at 48 V rated value 0 A at 40 V rated value 1 A operational current at DC-13 0 A at 42 V rated value 0 A at 43 V rated value 0 A		0.8
closing power of magnet coil at DC 4 W holding power of magnet coil at DC 4 W closing deay 30100 ms • at DC 713 ms • at DC 713 ms • at DC 713 ms runding control twestion of the switch operating mechanism Standard A1 - A2 Availary circumst at AC-12 maximum 10.A operational current at AC-12 maximum 10.A ot 300 vrated value 2.A • at 300 vrated value 6.A • at 300 vrated value 10.A • at 24 vrated value 10.A • at 250 vrated value 2.A • at 260 vrated value 2.A • at 27 vrated value 1.A • at 20		
holding power of magnet cell at DC 4 W closing delay 4 W closing delay 0.100 ms a cloC 30 100 ms opening delay 1015 ms control version of the switch operating mechanism 1015 ms operational current at AC-15 1 • at 200 V rated value 1 operational current at AC-15 104 • at 300 V rated value 2.A • at 300 V rated value 3.A • at 300 V rated valu		
closing delay a)		
• aTCC 30100 ms opening delay 10 ms • at DC 713 ms arcing time 1015 ms control version of the switch operating mechanism Standard A1 - A2 Austiany circuit 16 ms operational controls for availary contacts 1 operational current at AC-15 16 • at 300 V rated value 2 A • at 300 V rated value 2 A • at 300 V rated value 2 A • at 30 V rated value 6 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 60 V rated value 2 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 60 V rated value 0 A		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 Availary decret 1 number of NO contacts for auxiliary contacts 1 instantaneous 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 600 V rated value 2 A • at 60 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 20 V rated value 2 A • at 80 V rated value 3 A • at 80 V rated value		
• ai DC 713 ms arcing time 1015 ms control version of the switch operating mechanism Standard A1 - A2 Auxinary circuit 1 number of No contacts for auxiliary contacts 1 operational current at AC-15 1 • at 200 V rated value 10 A operational current at AC-15 0 A • at 300 V rated value 2 A • at 600 V rated value 1 A operational current at DC-12 0 A • at 40 V rated value 6 A • at 40 V rated value 6 A • at 20 V rated value 6 A • at 20 V rated value 1 A operational current at DC-12 0 A • at 20 V rated value 6 A • at 20 V rated value 6 A • at 20 V rated value 1 A • at 20 V rated value 2 A • at 20 V rated value 1 A • at 20 V rated value 2 A • at 20 V rated value 0 A • at 20 V rated value 0 A • at 20 V rated value 0 A • at 20 V ra		30 100 ms
arcing time 1015 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary contacts 1 instantaneous contact 1 operational current at AC-12 maximum 10.A operational current at DC-12 0 et at 60 V rated value 6.A et at 60 V rated value 6.A et at 22 V rated value 10.A et at 20 V rated value 10.A et at 20 V rated value 2.A et at 20 V rated value 2.A et at 20 V rated value 10.A et at 20 V rated value 10.A et at 20 V rated value 2.A et at 20 V rated value 0.3 A et at 20 V rated value 0.1 A et at 20 V rated value 0.1 A et at 20 V rated value 0.1 A		
control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit Instantaneous contact instantaneous contact operational current at AC-15 1 • at 200 Virated value 10 A • operational current at AC-15 0 A • at 200 Virated value 2 A • at 200 Virated value 2 A • at 300 Virated value 2 A • at 300 Virated value 6 A • at 40 Virated value 6 A • at 20 Virated value 6 A • at 30 Virated value 1 A operational current at DC-12 • • at 30 Virated value 2 A • at 30 Virated value 1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) <		
Auxiliary circuit 1 number of NO contacts for auxiliary contacts 1 instantaneous contact 10 A operational current at AC-12 maximum 10 A e at 230 V rated value 10 A e at 230 V rated value 2A e at 500 V rated value 2A e at 600 V rated value 1A operational current at AC-12 1A operational current at AC-12 1A e at 24 V rated value 1A operational current at DC-12 1A e at 60 V rated value 6 A e at 60 V rated value 2A e at 60 V rated value 1A operational current at DC-13 1A e at 220 V rated value 0.16 A e at 60 V rated value 2A e at 60 V rated value 1A <		
number of ND contacts for auxiliary contacts 1 instantineous contact 1 operational current at AC-12 maximum 10 A operational current at AC-12 maximum 10 A • at 200 V rated value 3 A • at 600 V rated value 2 A • at 600 V rated value 1 A operational current at DC-12 1 A • at 200 V rated value 6 A • at 200 V rated value 6 A • at 20 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 operational current at DC-13 0 A • at 20 V rated value 0.2 A • at 20 V rated value 0.3 A • at 20 V rated value 0.1 A		Standard A1 - A2
Instantaneous contact instantaneous contact operational current at AC-12 maximum 10 A operational current at AC-15 10 A • at 200 V rated value 10 A • at 600 V rated value 2 A • at 600 V rated value 10 A operational current at DC-12 10 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 60 V rated value 10 A • at 20 V rated value 10 A • at 20 V rated value 10 A • at 20 V rated value 10 A • at 80 V rated value 2 A • at 80 V rated value 10 A • at 80 V rated value 10 A • at 80 V rated value 10 A • at 80 V rated value 0.9 A • at 80 V rated value 0.9 A • at 80 V rated value 0.1 A • at 80 V rated value 0.1 A	Auxiliary circuit	
operational current at AC-12 maximum 10 A operational current at AC-15 10 A • at 200 V rated value 3 A • at 600 V rated value 10 A • at 60 V rated value 6 A • at 10 V rated value 6 A • at 10 V rated value 10 A • at 20 V rated value 0.15 A • at 20 V rated value 0.2 A • at 20 V rated value 0.3 A • at 20 V rated value 0.3 A • at 20 V rated value 0.1 A • at 20 V rated value 0.25 hp • at 200 V rated value 0.25 hp <t< td=""><td></td><td>1</td></t<>		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 10 A • el 46 V rated value 6 A • el 12 V rated value 2 A • el 12 V rated value 1 A • el 22 V rated value 0.15 A operational current at DC-13 0.15 A • el 46 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 0.9 A • el 22 V rated value 0.1 A • el 60 V rated value 0.1 A •		
 at 230 V rated value at 400 V rated value at 400 V rated value at 690 V rated value at 60 V rated value bit 22 V rated value contact value at 60 V rated value at 60 V rated value bit 22 V rated value contact value at 60 V rated value bit 22 V rated value contact reliability of auxiliary contacts at 60 V rated value bit 22 V rated value bit 22 V rated value contact reliability of auxiliary contacts at 60 V rated value bit 70 d rated value bit 70 d rated value contact reliability of auxiliary contacts at 60 V rated value bit 70 contact value contact reliability of auxiliary contacts contact reliability of auxiliary contacts contact reliability of auxiliary contacts contact reliability of rated value contact reliability of reliability of auxiliary contacts contact reliability of reliabi		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 10 A • at 44 V rated value 6 A • at 44 V rated value 6 A • at 10 V rated value 6 A • at 10 V rated value 6 A • at 10 V rated value 2 A • at 100 V rated value 0.15 A • at 220 V rated value 0.15 A • at 24 V rated value 2 A • at 24 V rated value 0.16 A • at 25 V rated value 0.9 A • at 100 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 • at 600 V rated value 6.1 A • at 600 V rated value 0.25 hp • at 800 V rated value 0.25 hp • at		
 et 600 V rated value et 600 V rated value 1A operational current at DC-12 et 24 V rated value 6A et 60 V rated value 6A et 10 V rated value 6A et 125 V rated value 7A et 220 V rated value 7A et 320 V rated value 7A et 320 V rated value 7A et 320 V rated value 75 hp for 3-phase AC motor et 320 V rated value 75 hp ef 320 V rated value 75 hp		
• at 650 V rated value 1 A operational current at DC-12 10 A • at 24 V rated value 6 A • at 60 V rated value 6 A • at 10 V rated value 6 A • at 10 V rated value 2 A • at 20 V rated value 10 A • at 200 V rated value 0.15 A operational current at DC-13 0.15 A • at 600 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 0.9 A • at 22 V rated value 0.14 A • at 60 V rated value 0.15 A • at 60 V rated value 0.14 A • at 60 V rated value 0.15 hp • at 600 V rated value 0.25 hp • at 220 V rated va		
operational current at DC-12 10 A • at 24 V rated value 10 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 72 V rated value 6 A • at 72 V rated value 7 A • at 74 V rated value 7 A • at 72 V rated value 7 A • at 70 V rated value 7 B • at 70 V rated value 7 B • at 700 V rated value 7 B • at 700		
 at 24 V rated value at 48 V rated value A at 48 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 A at 600 V rated value A A		1 A
 at 48 V rated value 6 A at 10 V rated value 6 A at 110 V rated value 3 A at 125 V rated value 1 A at 20 V rated value 0.15 A operational current at DC-13 at 48 V rated value 0.15 A operational current at DC-13 at 48 V rated value 2 A at 30 V rated value 0.15 A operational current at DC-13 at 48 V rated value 2 A at 60 V rated value 2 A at 50 V rated value 2 A at 10 V rated value 2 A at 10 V rated value 3 A at 20 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) UUCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 4.8 A at 600 V rated value 6.1 A yielded mechanical performance [hp] for single-phase AC motor - at 200/208 V rated value 0.75 hp at 220/209 V rated value 0.75 hp at 220/209 V rated value 3 hp - at 57/500 V rated value 5 hp - at 57/500 V rated value - at 57/500	operational current at DC-12	
 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 1 A at 60 V rated value 1 A at 60 V rated value 2 A at 60 V rated value 2 A at 60 V rated value 2 A at 60 V rated value 3 A at 60 V rated value 3 A at 60 V rated value 3 A at 20 V rated value 3 A at 20 V rated value 3 A at 200 V rated value 3 A at 200 V rated value 1 faulty switching per 100 million (17 V, 1 mA) UL/GSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 4.8 A at 600 V rated value 4.8 A at 600 V rated value 5 hp at 200 V rated value 75 hp at 2200/200 V rated value 75 hp at 2200/200 V rated value 1 faulty switching per 100 million (17 V, 1 mA) UL/GSA ratings at 400/480 V rated value 2 hp at 4500 V rated value 3 hp at 4500/200 V rated value 4 sho 0 / 200 Short-circuit protection of the main circuit with type of assignment 2 required 2 G: 35A (690V,100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) 9G: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 30A (415V, 80kA) 9G: 10 A (500 V, 10A) 	 at 24 V rated value 	10 A
 at 110 V rated value at 125 V rated value at 220 V rated value at 240 V rated value 0.15 A operational current at DC-13 at 42 V rated value 0.15 A operational current at DC-13 at 42 V rated value 2 A at 42 V rated value 2 A at 60 V rated value 0.3 A at 60 V rated value 0.1 A contact reliability of auxiliary contacts at 60 V rated value 4.8 A at 60 V rated value 5.1 A yielded mechanical performance [hp] for single-phase AC motor at 200 V rated value 0.25 hp at 200/20 V rated value 1.5 hp at 600/20 N rated value 2.5 hp at 600/20 N rated value 3.6 hp at 600/400 V rated value 3.6 hp at 610/480 V rated value 2.5 hp at 610/480 V rated value 3.6 hp at 615/500 V rated value 3.6 hp at 615/500 V rated	 at 48 V rated value 	6 A
 et at 25 V rated value et 20 V rated value 0.15 A operational current at DC-13 et 24 V rated value 0.16 A et 34 V rated value 10 A et 48 V rated value 2 A et 360 V rated value 2 A et 310 V rated value 2 A et 310 V rated value 2 A et 30 V rated value 3 A et 20 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 6.1 A yielded mechanical performance [hp] for single-phase AC motor et 3200 V rated value 0.25 hp et 3200 V rated value 1.5 hp et 3200 V rated value 3 hp et 3575/600 V rated value 5 hp et 3575/600 V rated value 3 hp et 3575/600 V rated value 5 hp et 356 (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V, 80KA) g6: 35A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80KA) g6: 35A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80KA) g6: 10 A (500 V	 at 60 V rated value 	6 A
• at 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 • at 200 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 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] • for single-phase AC motor • at 100 / 20 V rated value 0.25 hp • at 200 V rated value 0.25 hp • at 200208 V rated value 0.75 hp • for 3-phase AC motor 1 5 hp • at 200208 V rated value 2 hp • at 480/480 V rated value 2 hp • at 300/480 V rated value 3 hp • at 575/600 V rated value 3 hp • or short-circuit protection of the main circuit 600 / Q600 Short-circuit	 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 60 V rated value 2 A • at 10 V rated value 0.9 A • at 22 V rated value 0.3 A • at 600 V rated value 0.1 A • at 22 V rated value 0.1 A • at 200 V rated value 0.1 A • at 600 V rated value 0.1 A • at 480 V rated value 4.8 A • at 600 V rated value 6.1 A • yielded mechanical performance [hp] • (for single-phase AC motor - at 200/208 V rated value 0.25 hp - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 3 hp - at 460/480 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)	 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 1 full-load current (FLA) for 3-phase AC motor 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A vielded mechanical performance [hp] 0.25 hp • for 3-phase AC motor 0.25 hp - at 200/208 V rated value 0.75 hp • for 3-phase AC motor 1.5 hp - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 3 hp - at 575/600 V rated value 3 hp - at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM:	 at 220 V rated value 	1 A
 at 24 V rated value at 48 V rated value at 48 V rated value at 48 V rated value at 60 V rated value at 110 V rated value 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-load current (FLA) for 3-phase AC motor at 480 V rated value A at 600 V rated value A for single-phase AC motor at 230 V rated value A A A A of or single-phase AC motor at 200/208 V rated value C5 hp at 200/208 V rated value C75 hp for 3-phase AC motor at 200/208 V rated value A bp at 200/208 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 for short-circuit protection of the main circuit with type of coordination 1 required gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) 	 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 1 full-load current (FLA) for 3-phase AC motor 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 0.25 hp - at 230 V rated value 0.75 hp • for 3-phase AC motor 1.5 hp - at 220/230 V rated value 3 hp - at 220/230 V rated value 3 hp - at 375/600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection g6: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) g6: 20A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) g6: 10 A (500 V, 1 kA)	operational current at DC-13	
 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 at 460 V rated value 6.1 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 0.25 hp at 220/208 V rated value 0.75 hp for 3-phase AC motor at 200/208 V rated value 0.75 hp at 200/208 V rated value 1.5 hp at 220/230 V rated value 2 hp at 220/230 V rated value 3 hp at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit with type of coordination 1 required g6: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) g6: 20A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) g6: 10 A (500 V, 1 kA) 	 at 24 V rated value 	10 A
 at 110 V rated value at 125 V rated value 0.9 A at 220 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 at 800 V rated value bit 90 v rated value contact reliability of auxiliary contacts full-load current (FLA) for 3-phase AC motor at 800 V rated value bit 90 v rated value contact rating of auxiliary contacts of or single-phase AC motor at 110/120 V rated value contact value shp at 60/480 V rated value shp at 60/480 V rated value shp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit with type of coordination 1 required g6: 35A (690V, 100kA), aW: 20A (690V, 100kA), BS88: 35A (415V, 80kA) g6: 10 A (500 V, 1 kA) 	 at 48 V rated value 	2 A
 at 110 V rated value at 125 V rated value 0.9 A at 220 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 at 800 V rated value bit 90 v rated value contact reliability of auxiliary contacts full-load current (FLA) for 3-phase AC motor at 800 V rated value bit 90 v rated value contact rating of auxiliary contacts of or single-phase AC motor at 110/120 V rated value contact value shp at 60/480 V rated value shp at 60/480 V rated value shp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit with type of coordination 1 required g6: 35A (690V, 100kA), aW: 20A (690V, 100kA), BS88: 35A (415V, 80kA) g6: 10 A (500 V, 1 kA) 	 at 60 V rated value 	2 A
 at 125 V rated value at 220 V rated value 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 at 480 V rated value 4.8 A at 600 V rated value 6.1 A yielded mechanical performance [hp] for single-phase AC motor at 230 V rated value 0.75 hp for 3-phase AC motor at 200/208 V rated value 0.75 hp for 3-phase AC motor at 200/208 V rated value 1.5 hp at 220/230 V rated value 3 hp at 575/600 V rated value 6 hp at 575/600 V rated value 6 hp at 576/600 V rated value 6 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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V,100kA), BS88: 20A (415V, 80kA) or short-circuit protection of the auxiliary switch gG: 10 A (500 V, 1 kA) 	• at 110 V rated value	
• 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 4.8 A • at 600 V rated value 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] • • for single-phase AC motor 0.25 hp - at 110/120 V rated value 0.25 hp • at 230 V rated value 0.75 hp • for 3-phase AC motor - - at 200/208 V rated value 1.5 hp - at 220/230 V rated value 2 hp - at 4500480 V rated value 3 hp - at 575/600 V rated value 5 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: 35A (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)		
• 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 4.8 A • at 480 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A vielded mechanical performance [hp] 0.25 hp - at 110/120 V rated value 0.25 hp - at 230 V rated value 0.75 hp • for 3-phase AC motor - - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 3 hp - at 460/480 V rated value 5 hp - at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V, 80kA) - with type of assignment 2 required gG: 10 A (500 V, 1 kA)		
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 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A • of r single-phase AC motor 0.25 hp - at 101/120 V rated value 0.25 hp - at 200/208 V rated value 0.75 hp • for 3-phase AC motor - - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 2 hp - at 460/480 V rated value 3 hp - at 675/600 V rated value 5 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: 35A (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)		
UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 10/120 V rated value - at 230 V rated value - at 200/208 V rated value - at 460/480 V rated value - at 575/600 V rated value 5 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 GC: 35A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA) - with type of assignment 2 required 80kA) • for short-circuit protection of t		
full-load current (FLA) for 3-phase AC motor 4.8 A • at 480 V rated value 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 0.25 hp - at 230 V rated value 0.75 hp • for 3-phase AC motor 1.5 hp - at 220/208 V rated value 2 hp - at 220/208 V rated value 3 hp - at 460/480 V rated value 3 hp - at 460/480 V rated value 5 hp - at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4.8 A design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 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 4.8 A at 600 V rated value 6.1 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 0.25 hp at 230 V rated value 0.75 hp for 3-phase AC motor at 220/208 V rated value 2 hp at 220/208 V rated value 2 hp at 220/208 V rated value 4 hp at 575/600 V rated value 5 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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 10 A (500 V, 1 kA) 		
• at 600 V rated value6.1 Ayielded mechanical performance [hp]• for single-phase AC motor- at 110/120 V rated value0.25 hp- at 230 V rated value0.75 hp• for 3-phase AC motor0.75 hp- at 200/208 V rated value1.5 hp- at 200/208 V rated value2 hp- at 220/230 V rated value3 hp- at 460/480 V rated value5 hp- at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiongG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of coordination 1 requiredgG: 35A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switchgG: 10 A (500 V, 1 kA)		4 9 4
yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 0.25 hp - at 230 V rated value 0.75 hp • for 3-phase AC motor - - at 200/208 V rated value 1.5 hp - at 220/230 V rated value 2 hp - at 460/480 V rated value 3 hp - at 575/600 V rated value 5 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: 35A (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 at 110/120 V rated value at 230 V rated value at 230 V rated value at 230 V rated value or 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 220/230 V rated value bp at 220/230 V rated value bp at 460/480 V rated value bp at 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 for short-circuit protection of the main circuit with type of coordination 1 required gG: 35A (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) 		0.1 A
 at 110/120 V rated value at 230 V rated value 0.75 hp for 3-phase AC motor at 200/208 V rated value 1.5 hp at 220/230 V rated value 2 hp at 460/480 V rated value 3 hp at 575/600 V rated value 5 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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 required gG: 10 A (500 V, 1 kA) 		
 at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value bp at 220/230 V rated value bp at 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 for short-circuit protection of the main circuit with type of coordination 1 required GG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 required GG: 10 A (500 V, 1 kA) 		0.25 hz
 for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value bp at 220/230 V rated value bp at 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 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 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 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 		0.75 hp
 at 220/230 V rated value at 460/480 V rated value 3 hp at 575/600 V rated value 5 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: 35A (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) of short-circuit protection of the auxiliary switch 		
at 460/480 V rated value3 hp at 575/600 V rated value5 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: 35A (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 575/600 V rated value5 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: 35A (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)		
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		
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 35A (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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 20A (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)		A600 / Q600
 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) 	Short-circuit protection	
 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) 	design of the fuse link	
 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) 	 for short-circuit protection of the main circuit 	
 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) 		gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
		gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,
		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	58 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	screw-type terminals		
for auxiliary and control circuit	screw-type terminals		
at contactor for auxiliary contacts	Screw-type terminals		
of magnet coil	Screw-type terminals		
type of connectable conductor cross-sections • for main contacts			
- solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²		
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²		
— finely stranded with core end processing	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)		
at AWG cables for main contacts	2x (20 16), 2x (18 14), 2x 12		
connectable conductor cross-section for main			
contacts			
• solid	0.5 4 mm²		
stranded	0.5 4 mm²		
 finely stranded with core end processing 	0.5 2.5 mm²		
connectable conductor cross-section for auxiliary contacts			
solid or stranded	0.5 4 mm ²		
finely stranded with core end processing	0.5 2.5 mm²		
type of connectable conductor cross-sections			
for auxiliary contacts			
— solid or stranded	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ²		
— finely stranded with core end processing	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)		
at AWG cables for auxiliary contacts	2x (20 16), 2x (18 14), 2x 12		
AWG number as coded connectable conductor cross section	00 40		
for main contacts	20 12		
• for auxiliary contacts	20 12		
Safety related data			
product function			
mirror contact according to IEC 60947-4-1	Yes; with 3RH29		
B10 value with high demand rate according to SN 31920	1 000 000		
proportion of dangerous failures	40.%		
 with low demand rate according to SN 31920 	40 %		

	nd rate according to SN		73 %		
31920	ow demand rate accord	-	100 FIT		
T1 value for proof test IEC 61508	T1 value for proof test interval or service life according to IEC 61508		20 у		
protection class IP on the front according to IEC 60529		to IEC	IP20		
touch protection on the front according to IEC 60529		DIEC 60529	finger-safe, for vertical conta	act from the front	
 suitability for use safety-related switching OFF 			Yes		
Certificates/ approval	-		165		
General Product Ap					
SP SM	CCC	<u>Confirmatio</u>		<u>KC</u>	EHC
EMC	Functional Safety/Safety of Machinery	Declaration o	f Conformity	Test Certificates	
	<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA	<u>Special Test Certific-</u> <u>ate</u>	Type Test Certific- ates/Test Report
Marine / Shipping					
ABS	BUREAU VERITAS		Hoyds Register urs	PRS	RINA
Marine / Shipping	other		Dangerous Good		
KMRS	<u>Confirmation</u>		<u>Transport Informa-</u> tion		
https://www.siemens.e		gs, Brochures,	.)		
Industry Mall (Online https://mall.industry.si	e ordering system) emens.com/mall/en/en	/Catalog/product	?mlfb=3RT2015-1BW41		
Cax online generato http://support.automal Service&Support (M https://support.industr Image database (pro	r tion.siemens.com/WW/ anuals, Certificates, C y.siemens.com/cs/ww/ duct images, 2D dime	CAXorder/default Characteristics, en/ps/3RT2015-1 ension drawings	<u>aspx?lang=en&mlfb=3RT20</u> F AQs,)		:ros,)
Characteristic: Tripp https://support.industr	bing characteristics, lage statement of the second sta	t, Let-through c en/ps/3RT2015-1	urrent BW41/char		
	ics (e.g. electrical end n.siemens.com/bilddb/in		ng frequency) Search&mlfb=3RT2015-1BW	41&objecttype=14&grid	<u>view=view1</u>

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