SIEMENS

Data sheet

3RT2046-1AQ20



power contactor, AC-3e/AC-3, 95 A, 45 kW / 400 V, 3-pole, 500 V AC, 50/60 Hz, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S3 $\,$

product brand name SIRUS product brand dasi Power contactor size of contactor \$3 product stension \$3 • function module for communication No • auxiliary switch Yes power loss (M for rated value of the current ************************************	6/1			
product type designation 3RT2 General technical data	product brand name	SIRIUS		
General technical data S3 size of contactor S3 product extension No • auxiliary switch Yes power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state 19.8 W • at AC in hot operating state 19.8 W • of main circuit with degree of pollution 3 rated value 6.6 W • of main circuit with degree of pollution 3 rated value 1000 V • of auxiliary circuit with degree of pollution 3 rated value 6 kV eurge volzage resistance 6 kV • of auxiliary circuit rated value 6 kV • at AC 10.3g / 5 ms, 6, g / 10 ms machinum permissible volzage for protective separation between colland main contactor with added acteronically optimized auxiliary switch block typical • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 10 000 000 • of the contactor with added acteronically optimized auxiliary switch block typical 10 000	product designation	Power contactor		
size of contactor §3 product extension • function module for communication No • auxilary switch Yes power loss [W] for rated value of the current • at AC in hot operating state per pole 6.6 W • at AC in hot operating state per pole 6.6 W • of main circult with degree of pollution 3 rated value 1000 V • of main circult with degree of pollution 3 rated value 690 V sugges voltage resistance 8 kV • of main circult with degree of pollution 3 rated value 690 V sugges voltage resistance 6 kV • of main circult with degree of pollution 3 rated value 690 V sugges voltage resistance 6 kV • of main circult rated value 6 kV maximum permissible voltage for protective separation between coll and main contracts according to EN 60947-1 600 V shock resistance with sine pulse • at AC • at AC 16.3g / 5 ms, 6.g / 10 ms mechanical service life (operating cycles) 0 000 000 • of the contactor with added electronically optimized 1000 000 • of the contactor with added auxiliary switch block typical 10000 000 reference code according to EEC 60068-2-20 Q Substance Prohibitance (Date) 200 m ambient temperature 0.3001/2017 <tr< th=""><th>product type designation</th><th colspan="3">3RT2</th></tr<>	product type designation	3RT2		
product extension No • function module for communication No • auxiliary switch Yes power loss [W] for rated value of the current 19.8 W • at AC in hot operating state 19.8 W • at AC in hot operating state per pole 6.6 W • without load current share typical 25 W Insulation voltage 1000 V • of main circuit with degree of pollution 3 rated value 600 V surge voltage resistance 600 V • of main circuit rated value 8 kV • of main circuit rated value 6 kV maximum permissible voltage for protective separation between coll and main contacts according to EN 00947-1 690 V shock resistance at rectangular impulse 6 kV • at AC 10.3g / 5 ms, 6, g / 10 ms shock resistance at rectangular impulse 10 000 000 • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 00 000 • of the contactor with added electronically optimized auxiliary switch block typical 00 000 • of the contactor with added electronically optimized auxiliary switch block typical 00 000 • of the contactor with added electronically optimized auxiliary switch block typical 00	General technical data			
• function module for communication No • auxiliary switch Yes power loss [W] for rated value of the current • at AC in hot operating state 19.8 W • at AC in hot operating state per pole 6.6 W • of main circuit with degree of pollution 3 rated value 1000 V • of main circuit with degree of pollution 3 rated value 600 V • of main circuit with degree of pollution 3 rated value 800 V • of main circuit with degree of pollution 3 rated value 600 V • of main circuit rated value 8 kV • of main circuit rated value 8 kV • of auxiliary circuit rated value 6 kV • of auxiliary circuit rated value 8 kV • of auxiliary contacts executing to EN 00047-1 600 V shock resistance with sine pulse 10.3g / 5 ms, 6, g / 10 ms • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 10 000 000 • of the contactor which added auxiliary switch block typical 10 000 000 • of the contactor which added auxiliary sw	size of contactor	S3		
• auxiliary switch Yes power loss [W] for rated value of the current 9.8 W • at AC in hot operating state per pole 6.6 W • at AC in hot operating state per pole 6.6 W • without load current share typical 25 W • of main circuit with degree of pollution 3 rated value 1000 V • of main circuit rated value 690 V • of main circuit rated value 690 V • of auxiliary circuit with degree of pollution 3 rated value 690 V • of auxiliary circuit value 6 kV • at AC 10.3g / 5 ms, 6, g / 10 ms • at AC 10.3g / 5 ms, 10, g / 10 ms • at AC 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000	product extension			
power loss [W] for rated value of the current 19.8 W • at AC in hot operating state per pole 6.6 W • without load current share typical 25 W insulation voltage 1000 V • of main circuit with degree of pollution 3 rated value 690 V surge voltage resistance 8 kV • of main circuit with degree of pollution 3 rated value 800 V surge voltage resistance 8 kV • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 600 V surge voltage resistance 600 V • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 90 V surge voltage resistance 6 kV • at AC 10.3g / 5 ms, 6g / 10 ms shock resistance with sine pulse 16.3g / 5 ms, 10.g / 10 ms • at AC 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Subtance P	 function module for communication 	No		
• at AC in hot operating state 19.8 W • at AC in hot operating state per pole 6.6 W • without load current share typical 25 W insultation voltage 6.6 W • of main circuit with degree of pollution 3 rated value 1000 V • of auxiliary circuit with degree of pollution 3 rated value 690 V surge voltage resistance 690 V • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 6 kV maximum permissible voltage for protective separation between colla and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse 64.V • at AC 10.3g / 5 ms, 6, g / 10 ms shock resistance with sine pulse 63.3g / 5 ms, 10.g / 10 ms • at AC 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 03001/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during storage -25 +60 °C • during storage -25 +60 °C <t< th=""><th>auxiliary switch</th><th>Yes</th></t<>	auxiliary switch	Yes		
• at AC in hot operating state per pole 6.6 W • without load current share typical 25 W insulation voltage 1000 V • of main circuit with degree of pollution 3 rated value 690 V surge voltage resistance 690 V • of main circuit with degree of pollution 3 rated value 690 V • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 6 kV maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 690 V • at AC 10.3g / 5 ms, 6. g / 10 ms • at AC 10.3g / 5 ms, 10. g / 10 ms mechanical service life (operating cycles) 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical	power loss [W] for rated value of the current			
without load current share typical 25 W insulation voltage • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit rated value • at AC • 10.3g / 5 ms, 6.g / 10 ms • at AC • 10.3g / 5 ms, 10.g / 10 ms • of contactor typical • of contactor typical • of contactor with added electronically optimized auxiliary switch block typical • 0 000 000 • of the contactor with added auxiliary switch block typical • 0 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) • 0 40/103 potrade • of uning borage • 55 +60 °C • 40/103 potrade • 55 +60 °C • 40/103 potrade • 40/103 potrade • 55 +	 at AC in hot operating state 	19.8 W		
Insulation voltage Insulation voltage • of main circuit with degree of pollution 3 rated value 1 000 V • of auxiliary circuit with degree of pollution 3 rated value 690 V surge voltage resistance 690 V • of main circuit rated value 8 kV • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 6 kV maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse 690 V • at AC 10.3g / 5 ms, 6g / 10 ms shock resistance with sine pulse 16.3g / 5 ms, 10.g / 10 ms • of contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to EC 8136-2 Q Substance Prohibitance (Date) 03/01/2017 Anbient conditions 2 000 m ambient temperature - • during storage -55 +60 °C • during storage -55 +80 °C relative humidity minimum	 at AC in hot operating state per pole 	6.6 W		
 of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value 690 V surge voltage resistance of main circuit rated value 8 kV of auxiliary circuit rated value 6 kV maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 shock resistance at rectangular impulse at AC 10.3g / 5 ms, 6, g / 10 ms shock resistance with sine pulse at AC 10 000 000 of contactor typical of 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 contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block of the contactor with added auxiliary switch b	 without load current share typical 	25 W		
• of auxiliary circuit with degree of pollution 3 rated value 690 V surge voltage resistance 8 KV • of main circuit rated value 8 kV • of auxiliary circuit rated value 6 kV maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse 690 V • at AC 10.3g / 5 ms, 6, g / 10 ms shock resistance with sine pulse 6 • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 0301/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during storage -55 +60 °C • during storage -55 +60 °C • felative humidity at 55 °C according to IEC 60068-2.30	insulation voltage			
surge voltage resistance of main circuit rated value of auxiliary circuit rated value KV maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse at AC 10.3g / 5 ms, 6g / 10 ms shock resistance with sine pulse at AC of contactor typical 0000 000 of contactor typical 10 000 000 of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions installation altitude at height above sea level maximum ambient temperature during storage 55 +60 °C relative humidity at 55 °C according to IEC 60068-2-30 95 % 	 of main circuit with degree of pollution 3 rated value 	1 000 V		
• of main circuit rated value 8 kV • of auxiliary circuit rated value 6 kV maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse 690 V • at AC 10.3g / 5 ms, 6, g / 10 ms shock resistance with sine pulse 16.3g / 5 ms, 10.g / 10 ms • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 10 000 000 • of the contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 0 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -55 +80 °C relative humidity minum 10 % 95 % 95 %	 of auxiliary circuit with degree of pollution 3 rated value 	690 V		
• of auxiliary circuit rated value 6 kV maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse 690 V • at AC 10.3g / 5 ms, 6g / 10 ms shock resistance with sine pulse - • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) - • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Amblent conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -55 +80 °C relative humidity at 55 °C according to IEC 60068-2-30 95 % Main circuit 95 %	surge voltage resistance			
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse at AC 10.3g / 5 ms, 6, g / 10 ms shock resistance at rectangular impulse at AC 10.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) of contactor typical 10 000 000 of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 10 000 000 efference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -55 +60 °C e during operation -25 +60 °C e during storage -55 +80 °C relative humidity minimum 10 % 95 % 95 %	 of main circuit rated value 	8 kV		
coil and main contacts according to EN 60947-1 shock resistance at rectangular impulse • at AC 10.3g / 5 ms, 6g / 10 ms shock resistance with sine pulse • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2000 m ambient temperature -25 +60 °C • 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 95 % Main circuit	 of auxiliary circuit rated value 	6 kV		
• at AC 10.3g / 5 ms, 6.g / 10 ms shock resistance with sine pulse 16.3g / 5 ms, 10.g / 10 ms • at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 0 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 5 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 0301/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 % Main circuit		690 V		
shock resistance with sine pulse i6.3g / 5 ms, 10.g / 10 ms e at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) i • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 5 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • 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 95 % Main circuit	shock resistance at rectangular impulse			
• at AC 16.3g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) 0 000 000 • of contactor with added electronically optimized auxiliary switch block typical 5 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 % Main circuit ////////////////////////////////////	• at AC	10.3g / 5 ms, 6,.g / 10 ms		
mechanical service life (operating cycles) 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 5 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 % Main circuit Main circuit	shock resistance with sine pulse			
• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)03/01/2017Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature • during operation • during storage-25 +60 °C• during storage-55 +80 °Crelative humidity minimum10 %relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %	• at AC	16.3g / 5 ms, 10.g / 10 ms		
 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 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature during operation -25 +60 °C -55 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit 	mechanical service life (operating cycles)			
auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -55 +80 °C relative humidity minimum 10 % Main circuit 95 %	 of contactor typical 	10 000 000		
reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -55 +80 °C relative humidity minimum 10 % Main circuit 95 %		5 000 000		
Substance Prohibitance (Date) 03/01/2017 Ambient conditions 2000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • 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 %	 of the contactor with added auxiliary switch block typical 	10 000 000		
Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • 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	reference code according to IEC 81346-2	Q		
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 400 m	Substance Prohibitance (Date)	03/01/2017		
ambient temperature -25 +60 °C • 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	Ambient conditions			
 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 g5 % Main circuit 	installation altitude at height above sea level maximum	2 000 m		
• during storage -55 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum 95 % Main circuit	ambient temperature			
relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 % Main circuit 95 %	 during operation 	-25 +60 °C		
relative humidity at 55 °C according to IEC 60068-2-30 95 % maximum 95 % Main circuit 95 %	during storage	-55 +80 °C		
maximum Main circuit	relative humidity minimum	10 %		
		95 %		
number of poles for main current circuit 3	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	1 000 V
 at AC-3e rated value maximum 	1 000 V
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated 	130 A
value	
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	130 A
— up to 690 V at ambient temperature 60 °C rated	110 A
value	
• at AC-3	
— at 400 V rated value	95 A
— at 500 V rated value	95 A
— at 690 V rated value	78 A
— at 1000 V rated value	30 A
• at AC-3e	
— at 400 V rated value	95 A
— at 500 V rated value	95 A
— at 690 V rated value	78 A
— at 1000 V rated value	30 A
• at AC-4 at 400 V rated value	80 A
 at AC-5a up to 690 V rated value 	114 A
• at AC-5b up to 400 V rated value	95 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	84.4 A
— up to 400 V for current peak value n=20 rated value	84.4 A
— up to 500 V for current peak value n=20 rated value	84.4 A
— up to 690 V for current peak value n=20 rated value	58 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	56.3 A
— up to 400 V for current peak value n=30 rated value	56.3 A
— up to 500 V for current peak value n=30 rated value	56.3 A
— up to 690 V for current peak value n=30 rated value	56.3 A 50 mm ²
minimum cross-section in main circuit at maximum AC-1 rated value	50 mm-
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	42 A
at 690 V rated value	30 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	100 A
— at 60 V rated value	60 A
— at 110 V rated value	9 A
— at 220 V rated value	2 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.4 A
 with 2 current paths in series at DC-1 	
— at 24 V rated value	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	10 A
— at 440 V rated value	1.8 A
— at 600 V rated value	1 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	80 A
— at 440 V rated value	4.5 A

— at 600 V rated value	2.6 A				
• at 1 current path at DC-3 at DC-5					
— at 24 V rated value	40 A				
— at 60 V rated value	6 A				
— at 110 V rated value	2.5 A				
— at 220 V rated value	1A 0.45 A				
— at 440 V rated value	0.15 A				
— at 600 V rated value	0.06 A				
with 2 current paths in series at DC-3 at DC-5 at 24 V steel value	400 A				
— at 24 V rated value — at 60 V rated value	100 A 100 A				
— at 100 V rated value	100 A				
— at 220 V rated value	7 A				
— at 440 V rated value	0.42 A				
	0.42 A				
 — at 600 V rated value with 3 current paths in series at DC-3 at DC-5 	0.10 A				
- at 24 V rated value	100 A				
— at 60 V rated value	100 A				
— at 100 V rated value	100 A				
— at 220 V rated value	35 A				
— at 440 V rated value	0.8 A				
— at 600 V rated value	0.35 A				
operating power					
at AC-2 at 400 V rated value	45 kW				
• at AC-3					
— at 230 V rated value	22 kW				
— at 400 V rated value	45 kW				
— at 500 V rated value	55 kW				
— at 690 V rated value	75 kW				
— at 1000 V rated value	37 kW				
• at AC-3e					
— at 230 V rated value	22 kW				
— at 400 V rated value	45 kW				
— at 500 V rated value	55 kW				
— at 690 V rated value	75 kW				
— at 1000 V rated value	37 kW				
operating power for approx. 200000 operating cycles at AC-					
4	00.114				
at 400 V rated value	22 kW				
• at 690 V rated value operating apparent power at AC-6a	27.4 kW				
• up to 230 V for current peak value n=20 rated value	33 kVA				
up to 200 V for current peak value n=20 rated value	58 kVA				
• up to 500 V for current peak value n=20 rated value	73 kVA				
• up to 690 V for current peak value n=20 rated value	69 kVA				
operating apparent power at AC-6a					
up to 230 V for current peak value n=30 rated value	22.4 kVA				
• up to 400 V for current peak value n=30 rated value	39 kVA				
• up to 500 V for current peak value n=30 rated value	48.7 kVA				
• up to 690 V for current peak value n=30 rated value	67.3 kVA				
short-time withstand current in cold operating state up to					
40 °C					
 limited to 1 s switching at zero current maximum 	1 725 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 5 s switching at zero current maximum 	1 297 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 10 s switching at zero current maximum 	946 A; Use minimum cross-section acc. to AC-1 rated value				
Iimited to 30 s switching at zero current maximum	610 A; Use minimum cross-section acc. to AC-1 rated value				
Iimited to 60 s switching at zero current maximum	486 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency	E 000 4/h				
• at AC	5 000 1/h				
 operating frequency at AC-1 maximum 	000 1/b				
	900 1/h				

• at AC-2 maximum	350 1/h			
• at AC-3 maximum	850 1/h			
• at AC-3e maximum	850 1/h			
• at AC-4 maximum	250 1/h			
Control circuit/ Control				
type of voltage of the control supply voltage	AC			
control supply voltage at AC				
● at 50 Hz rated value	500 V			
● at 60 Hz rated value	500 V			
operating range factor control supply voltage rated value of magnet coil at AC				
• at 50 Hz	0.8 1.1			
• at 60 Hz	0.85 1.1			
apparent pick-up power of magnet coil at AC				
• at 50 Hz	348 VA			
• at 60 Hz	296 VA			
inductive power factor with closing power of the coil				
• at 50 Hz	0.62			
• at 60 Hz	0.55			
apparent holding power of magnet coil at AC	25.1/4			
• at 50 Hz	25 VA			
• at 60 Hz	18 VA			
inductive power factor with the holding power of the coil	0.25			
• at 50 Hz	0.35			
• at 60 Hz	0.41			
closing delay	12 E0 mg			
• at AC	13 50 ms			
opening delay • at AC	10 21 ms			
arcing time	10 21 ms			
control version of the switch operating mechanism	Standard A1 - A2			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact	1			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous				
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous	1			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact	1			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum	1			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	1 1 10 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value	1 1 10 A 6 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value	1 1 10 A 6 A 3 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value	1 1 10 A 6 A 3 A 2 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value	1 1 10 A 6 A 3 A 2 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value	1 1 10 A 6 A 3 A 2 A 1 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 48 V rated value • at 48 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 600 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 400 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 10 A 10 A 10 A 10 A 10 A 10 A 10 A 10 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 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 125 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 48 V rated value • at 48 V rated value • at 400 V rated value • at 220 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 10 A 10 A 10 A 10 A 10 A 10 A 10 A 10 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 48 V rated value • at 24 V rated value • at 48 V rated value • at 400 V rated value • at 250 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 200 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 1			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 48 V rated value • at 48 V rated value • at 48 V rated value • at 10 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 48 V rated value • at 48 V rated value • at 40 V rated value • at 690 V rated value • at 690 V rated value • at 490 V rated value • at 490 V rated value • at 690 V rated value • at 690 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 125 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 48 V rated value • at 48 V rated value • 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	1 1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 400 V rated value • at 20 V rated value • at 21 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 48 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value <	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 400 V rated value • at 24 V rated value • at 110 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 1 A 10 A 6 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 6 A 1 A 10 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.9 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 600 V rated value • at 48 V rated value • at 60 V rated value • at 220 V rated value • at 110 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 60 V rated value • at 220 V rated value • at 600 V rated value • at 24 V rated value • at 600 V rated value • at 24 V rated value • at 600 V rated value • at 24 V rated value • at 10 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 A 6 A 7 A 10 A 2 A 10 A 2 A 1 A 0.9 A 0.3 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 48 V rated value • at 48 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 220 V rated value • at 600 V rated value • at 24 V rated value • at 60 V rated value • at 10 V rated value • at 110 V rated value <t< td=""><td>1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 A 6 A 1 A 10 A 2 A 1 A 0.15 A</td></t<>	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 A 6 A 1 A 10 A 2 A 1 A 0.15 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 48 V rated value • at 24 V rated value • at 25 V rated value • at 220 V rated value • at 24 V rated value • at 600 V rated value • at 24 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value • at 210 V rated value • at 220 V rated value • at 220 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 1 A 10 A 6 A 7 A 10 A 2 A 10 A 2 A 1 A 0.9 A 0.3 A			
Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 220 V rated value • at 600 V rated value • at 24 V rated value • at 60 V rated value • at 10 V rated value • at 110 V rated value <t< td=""><td>1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 A 6 A 1 A 10 A 2 A 1 A 0.15 A</td></t<>	1 1 10 A 6 A 3 A 2 A 1 A 10 A 6 A 3 A 2 A 1 A 10 A 6 A 1 A 10 A 2 A 1 A 0.15 A			

• at 480 V rated value	96 A				
• at 600 V rated value	77 A				
yielded mechanical performance [hp]					
 for single-phase AC motor 					
— at 110/120 V rated value	10 hp				
— at 230 V rated value	20 hp				
 for 3-phase AC motor 					
— at 200/208 V rated value	30 hp				
— at 220/230 V rated value	30 hp				
— at 460/480 V rated value	75 hp				
— at 575/600 V rated value	75 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: 250 A (690 V, 100 kA), aM: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 80				
- with type of assignment 2 required	kA) gG: 160 A (690 V, 100 kA), aM: 100 A (690 V, 100 kA), BS88: 125 A (415 V, 80				
	kA)				
for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)				
Installation/ mounting/ dimensions					
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface				
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715				
side-by-side mounting	Yes				
height	140 mm				
width	70 mm				
depth	152 mm				
required spacing					
 with side-by-side mounting 					
— forwards	20 mm				
— upwards	10 mm				
— downwards	10 mm				
— at the side	0 mm				
 for grounded parts 					
— forwards	20 mm				
— upwards	10 mm				
— at the side	10 mm				
— downwards	10 mm				
• for live parts					
— forwards	20 mm				
— upwards	10 mm				
— downwards	10 mm				
— at the side	10 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					
of magnet coil	Screw-type terminals				
type of connectable conductor cross-sections for main contacts	Screw-type terminals				
finely stranded with core end processing	2x (2.5 35 mm²), 1x (2.5 50 mm²)				
	2A (2.0 00 IIIII), IA (2.0 00 IIIIII)				
connectable conductor cross-section for main contacts	2.5 16 mm ²				
solid	2.5 16 mm ²				
stranded	6 70 mm ²				
finely stranded with core end processing	2.5 50 mm ²				
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 mm²				
type of connectable conductor cross-sections					
 for auxiliary contacts 					

— solid or stra	nded		2x (0.	5 1.5 mm²), 2x (0.75	. 2.5 mm²)	
- finely strand	led with core end process	ing	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)			
	for auxiliary contacts		2x (20 16), 2x (18 14)			
	d connectable conducto	r cross	,			
 for main contacts 	for main contacts		10	2		
 for auxiliary containing 	acts		20	14		
Safety related data						
product function						
 mirror contact act 	cording to IEC 60947-4-1		Yes			
 positively driven 	operation according to IEC	060947-5-1	No			
suitability for use safety	-related switching OFF		Yes			
B10 value with high den	nand rate according to SN	I 31920	1 000	000		
proportion of dangero	us failures					
 with low demand 	rate according to SN 319	20	40 %			
 with high demand 	d rate according to SN 319	920	73 %			
failure rate [FIT] with low	w demand rate according	to SN 31920	100 F	IT		
T1 value for proof test ir 61508	nterval or service life acco	rding to IEC	20 a			
protection class IP on	the front according to I	EC 60529	IP20			
touch protection on th	e front according to IEC	60529	finger	-safe, for vertical contact	from the front	
Certificates/ approvals						
General Product Appr	oval					
(SP)	<u>Confirmation</u>				KC	EHC
EMC	Functional Safety/Safety of Ma- chinery	Declaration of (Confor	mity	Test Certificates	
	Type Examination Cer- tificate	UK CA		CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>
Marine / Shipping						
ABS		Llovds Register us		PRS	RINA	RMRS
other	Railway	Dangerous Goo	bd	Environment		
Confirmation	Vibration and Shock	Transport Inform		Environmental Con- firmations		

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2046-1AQ20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2046-1AQ20

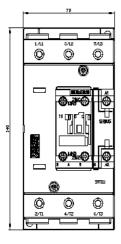
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AQ20

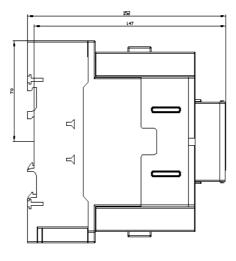
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2046-1AQ20&lang=en

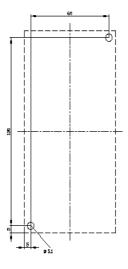
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AQ20/char

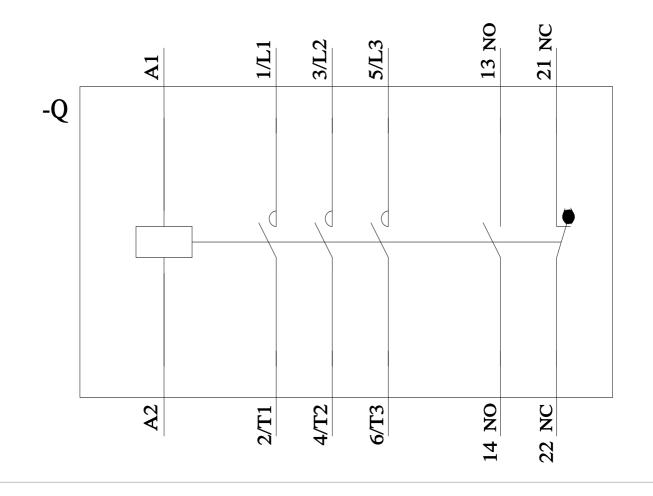
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2046-1AQ20&objecttype=14&gridview=view1









last modified:

8/15/2023 🖸

Mouser Electronics

Authorized Distributor

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

Siemens: 3RT20461AQ20