SIEMENS

Data sheet

3RT2037-1NB30



Power contactor, AC-3 65 A, 30 kW / 400 V 1 NO + 1 NC, AC / DC 20-33 V, with varistor 3-pole, size S2 screw terminals

product brand name	SIRIUS		
product designation	Power contactor		
product type designation	3RT2		
General technical data			
size of contactor	S2		
product extension			
 function module for communication 	No		
auxiliary switch	Yes		
power loss [W] for rated value of the current at AC in hot operating state	11.4 W		
• per pole	3.8 W		
power loss [W] for rated value of the current without load current share typical	2 W		
surge voltage resistance			
 of main circuit rated value 	6 kV		
 of auxiliary circuit rated value 	6 kV		
maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1	400 V		
shock resistance at rectangular impulse			
• at AC	7.7g / 5 ms, 4.5g / 10 ms		
• at DC	7.7g / 5 ms, 4.5g / 10 ms		
shock resistance with sine pulse			
• at AC	12g / 5 ms, 7g / 10 ms		
• at DC	12g / 5 ms, 7g / 10 ms		
mechanical service life (switching cycles)			
 of contactor typical 	10 000 000		
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000		
 of the contactor with added auxiliary switch block typical 	10 000 000		
reference code acc. to IEC 81346-2	Q		
Substance Prohibitance (Date)	01.10.2014 00:00:00		
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		
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
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	80 A
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	80 A
— up to 690 V at ambient temperature 60 °C rated value	70 A
• at AC-3	
— at 400 V rated value	65 A
— at 500 V rated value	65 A
— at 690 V rated value	47 A
 at AC-4 at 400 V rated value 	55 A
 at AC-5a up to 690 V rated value 	70.4 A
 at AC-5b up to 400 V rated value 	53.9 A
• at AC-6a	
 — up to 230 V for current peak value n=20 rated value 	56.9 A
 — up to 400 V for current peak value n=20 rated value 	56.9 A
 — up to 500 V for current peak value n=20 rated value 	56.9 A
— up to 690 V for current peak value n=20 rated value	47 A
● at AC-6a	
 — up to 230 V for current peak value n=30 rated value 	38 A
 — up to 400 V for current peak value n=30 rated value 	38 A
 — up to 500 V for current peak value n=30 rated value 	38 A
— up to 690 V for current peak value n=30 rated value	38 A
minimum cross-section in main circuit at maximum AC-1 rated value	25 mm²
operational current for approx. 200000 operating cycles at AC-4	
 at 400 V rated value 	28 A
at 690 V rated value	22 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	55 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
 with 2 current paths in series at DC-1 	
— at 24 V rated value	55 A
— at 110 V rated value	45 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	55 A
— at 110 V rated value	55 A
— at 220 V rated value	45 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
operational current	



 at 1 current path at DC-3 at DC-5 				
— at 24 V rated value	35 A			
— at 110 V rated value	2.5 A			
— at 220 V rated value	1 A			
— at 440 V rated value	0.1 A			
— at 600 V rated value	0.06 A			
 with 2 current paths in series at DC-3 at DC-5 				
— at 24 V rated value	55 A			
— at 110 V rated value	25 A			
— at 220 V rated value	5 A			
— at 440 V rated value	0.27 A			
— at 600 V rated value	0.16 A			
with 3 current paths in series at DC-3 at DC-5				
— at 24 V rated value	55 A			
— at 110 V rated value	55 A			
— at 220 V rated value	25 A			
— at 440 V rated value	0.6 A			
at 600 V rated value	0.35 A			
operating power	20.144			
• at AC-2 at 400 V rated value	30 kW			
• at AC-3				
— at 230 V rated value	18.5 kW			
— at 400 V rated value	30 kW			
— at 500 V rated value	37 kW			
— at 690 V rated value	37 kW			
operating power for approx. 200000 operating cycles at AC-4				
• at 400 V rated value	14.7 kW			
• at 690 V rated value	20 kW			
operating apparent power at AC-6a				
• up to 230 V for current peak value n=20 rated value	22.6 kV·A			
 up to 400 V for current peak value n=20 rated value 	39.4 kV·A			
 up to 500 V for current peak value n=20 rated value 	49.2 kV·A			
• up to 690 V for current peak value n=20 rated value	56.1 kV·A			
operating apparent power at AC-6a				
• up to 230 V for current peak value n=30 rated value	15.1 kV·A			
• up to 400 V for current peak value n=30 rated value	26.2 kV·A			
• up to 500 V for current peak value n=30 rated value	32.8 kV·A			
 up to 690 V for current peak value n=30 rated value 	45.3 kV·A			
short-time withstand current in cold operating state	40.0 KV A			
up to 40 °C				
 limited to 1 s switching at zero current maximum 	1 055 A; Use minimum cross-section acc. to AC-1 rated value			
 limited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum 	730 A; Use minimum cross-section acc. to AC-1 rated value			
 limited to 3 switching at zero current maximum limited to 10 s switching at zero current maximum 	520 A; Use minimum cross-section acc. to AC-1 rated value			
 Imited to 10's switching at zero current maximum limited to 30 s switching at zero current maximum 	336 A; Use minimum cross-section acc. to AC-1 rated value			
-	272 A; Use minimum cross-section acc. to AC-1 rated value			
Imited to 60 s switching at zero current maximum				
no-load switching frequency	1 500 1/b			
• at AC	1 500 1/h 1 500 1/h			
• at DC	1 500 1/h			
operating frequency				
• at AC-1 maximum	800 1/h			
• at AC-2 maximum	400 1/h			
• at AC-3 maximum	700 1/h			
• at AC-4 maximum	200 1/h			
Control circuit/ Control				
type of voltage of the control supply voltage	AC/DC			
control supply voltage at AC				
• at 50 Hz rated value	20 33 V			
• at 60 Hz rated value	20 33 V			



control supply voltage at DC 2033 V operating range factor control supply voltage rated value of magnet col at DC 0.8 • full-caske value 1.1 operating range factor control supply voltage rated value of magnet col at AC 0.8 • full-caske value 0.4 • full-caske value 0.4 • full-caske value 0.4		—		
operating range factor control supply voltage rated witale value (coll at DC 0.8 • indical value 0.8 • indical value 1.1 operating range factor control supply voltage rated value value (coll at AC 0.8 • et 50 Hz 0.8 • et 60 Hz 0.4 • et 60 Hz 0.4 • et 60 Hz 2.0 A • et 60 Hz 40 VA • et 60 Hz 40 VA • et 60 Hz 2 VA • et 60 Hz 1 W closing ower of magnet coll at DC 23 W holding current pask 5	control supply voltage at DC			
value of magnet coll at DC• initial value0.8• initial value1.1• at 60 hz0.8 1.1• at 60 hz2.6.A• at 60 hz2.6.A• at 60 hz2.6.A• at 60 hz2.6.A• at 60 hz40 VA• at 60 hz40 VA• at 60 hz2.VA• at 60 hz3555 ms• at 603555 ms• at 603555 ms• at 601020 ms• at 601020 ms• at 60 hz2.A• at 60 hz355 ms• at 60 hz10.A• at 60 hz355 ms• at 60 hz10.A• at 60 hz10.A• at 60 hz355 ms• at 70 hz10.A• at 70 hz10.A• at 70 hz10.A• at 70 hz <t< th=""><th></th><th>20 33 V</th></t<>		20 33 V		
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operating range factor control supply voltage rated value of magnet coil at AC 0.81.1 • at 50 Hz 0.81.1 • at 80 Hz 0.81.1 • at 80 Hz 0.81.1 • design of the surge suppressor with variafor inrush current peak 3.A lockde/rotor current mean value 1.A lockde/rotor current mean value 4.A outration of lockde/rotor current 230 ms holding current mean value 40 nA apparent pick.vap power of magnet coil at AC 40 VA • at 50 Hz 40 VA apparent pick.vap power of magnet coil at AC 2 VA • at 50 Hz 40 VA apparent pick.vap power of magnet coil at AC 2 VA • at 50 Hz 2 VA closing power of magnet coil at DC 23 W holding power of magnet coil at DC 23 W holding power of magnet coil at DC 23 W obold z 2 VA • at DC 45 70 ms • at DC 35 55 ms • at DC 36 56 ms • at CA 36 56 ms<				
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duration of locked-votor current 230 ms holding current man value 40 mA apparent pickup power of magnet coil at AC 40 VA • at 80 Hz 40 VA at 80 Hz 40 VA apparent holding power of magnet coil at AC 40 VA • at 80 Hz 2 VA closing power of magnet coil at DC 23 W holding power of magnet coil at DC 23 W closing dalay - • at AC 45 70 ms • at DC 45 60 ms opening delay - • at DC 35 55 ms • at AC 10 20 ms control version of the switch operating mechanism 3tandard A1 - A2 Multilay circuit 10 A operational current at AC-15 1 instantaneous contact 10 A operational current at AC-15 1 • at 20 V rated value 3A • at 30 V rated value 3A • at 30 V rated value 6A • at 30 V rated value 3A <	locked-rotor current mean value	1 A		
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• at 50 Hz 40 VA • at 60 Hz 40 VA • at 60 Hz 40 VA • at 60 Hz 40 VA • at 50 Hz 2 VA • at 50 Hz 2 VA • at 60 Hz 2 VA • at AC 45 70 ms • at DC 35 55 ms • at DC 1 20 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary contacts 1 Instantaneous contact 1 <	holding current mean value	40 mA		
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• at 50 Hz 2 V-A • at 60 Hz 2 V-A closing power of magnet coll at DC 23 W holding power of magnet coll at DC 1 W closing power of magnet coll at DC 1 W closing power of magnet coll at DC 45 70 ms • at AC 45 60 ms • at AC 35 55 ms • at DC 10 .20 ms number of NC contacts for auxiliary contacts 1 instantaneous contact 10 A operational current at AC-15 1 • at 300 V rated value 3A • at 300 V rated value 3A • at 600 V rated value 6A • at 600 V rated value 6A <td>• at 60 Hz</td> <td>40 V·A</td>	• at 60 Hz	40 V·A		
• at 80 Hz 2 VA closing power of magnet coil at DC 23 W • holding power of magnet coil at DC 1 W closing delay 1 W • at AC 45 70 ms • at DC 45 60 ms • opening delay 45 60 ms • at AC 35 55 ms • at DC 35 55 ms opting time 10 20 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary contacts for auxiliary contacts 1 instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15 1 • at 230 V rated value 10 A • at 400 V rated value 3A • at 400 V rated value 10 A • at 400 V rated value 6A	apparent holding power of magnet coil at AC			
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• at AC 45 70 ms • at DC 45 60 ms opening delay 5 65 ms • at AC 35 55 ms • at DC 10 20 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary Circuit 1 number of NC contacts for auxiliary contacts 1 instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15 1 • at 230 V rated value 10 A • at 400 V rated value 2A • at 400 V rated value 6A • at 60 V rated value 6A • at 60 V rated value 3A • at 40 V rated value <td< th=""><td>holding power of magnet coil at DC</td><td>1 W</td></td<>	holding power of magnet coil at DC	1 W		
• at DC 45 60 ms opening delay - • at AC 35 55 ms • at DC 35 55 ms arcing time 10 20 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit - number of NC contacts for auxiliary contacts 1 instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15 - • at 200 V rated value 3A • at 400 V rated value 3A • at 600 V rated value 10 A • at 600 V rated value 3A • at 600 V rated value 3A • at 600 V rated value 10 A • at 600 V rated value 3A • at 600 V rated value 3A • at 600 V rated value 6A • at 600 V rated value 6A • at 60 V rated value 6A • at 60 V rated value 10 A • at 60 V rated value 10 A • at 60 V rated value 10 A	closing delay			
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• at 24 V rated value10 A• at 24 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 60 V rated value2 A• at 60 V rated value10 A• at 60 V rated value10 A• at 48 V rated value2 A• at 60 V rated value10 A• at 10 V rated value2 A• at 60 V rated value2 A• at 10 V rated value1 A• at 10 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A	at DC arcing time control version of the switch operating mechanism 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 e at 230 V rated value e at 400 V rated value	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 3 A		
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• at 60 V rated value 6 A • at 110 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 1 A • at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 48 V rated value 2 A • at 600 V rated value 10 A • at 48 V rated value 2 A • at 600 V rated value 10 A • at 100 V rated value 2 A • at 25 V rated value 0.9 A	at DC arcing time control version of the switch operating mechanism 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 e at 230 V rated value e at 400 V rated value e at 500 V rated value e at 690 V rated value	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 3 A 2 A		
 at 110 V rated value at 125 V rated value 2 A at 220 V rated value 1 A 0.15 A operational current at DC-13 at 24 V rated value 10 A at 48 V rated value 2 A at 60 V rated value 10 A at 60 V rated value 10 A at 48 V rated value 10 A at 110 V rated value 0.15 A 	at DC arcing time control version of the switch operating mechanism 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 e at 230 V rated value e at 400 V rated value e at 500 V rated value e at 690 V rated value operational current at DC-12	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 3 A 2 A 1 A		
• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 48 V rated value2 A• at 60 V rated value2 A• at 60 V rated value10 A• at 10 V rated value2 A• at 110 V rated value0.9 A	at DC arcing time control version of the switch operating mechanism 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 e at 230 V rated value e at 400 V rated value e at 690 V rated value e at 690 V rated value e at 24 V rated value	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 3 A 2 A 1 A 10 A 10 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 10 A • at 48 V rated value 2 A • at 600 V rated value 2 A • at 60 V rated value 1 A • at 110 V rated value 0.9 A	at DC arcing time control version of the switch operating mechanism 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	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 3 A 2 A 1 A 10 A 10 A 3 A 2 A 1 A		
• at 600 V rated value 0.15 A operational current at DC-13 - • at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 0.9 A	at DC arcing time control version of the switch operating mechanism 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 48 V rated value at 48 V rated value at 60 V rated value	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 3 A 2 A 1 A 10 A 6 A 6 A		
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• at 125 V rated value 0.9 A	at DC arcing time control version of the switch operating mechanism 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 500 V rated value at 600 V rated value at 60 V rated value at 220 V rated value bat 220 V rated value	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 1 1 1 1 1 1 1 1 1 1		
	at DC arcing time control version of the switch operating mechanism 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 at 48 V rated value at 110 V rated value at 110 V rated value at 220 V rated value at 24 V rated value	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 1 1 1 1 1 1 1 1 A 3 A 2 A 1 A 10 A 3 A 2 A 1 A 10 A 3 A 2 A 1 A 10 A 3 A 2 A 1 A 10 10 10 10 10 10 10 10 10 10		
• at 220 V rated value 0.3 A	 at DC arcing time control version of the switch operating mechanism 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 48 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 24 V rated value at 600 V rated value at 24 V rated value at 24 V rated value at 24 V rated value 	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 2 A 1 A 10 A 2 A 10 A 2 A 10 A 2 A 10 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A		
	 at DC arcing time control version of the switch operating mechanism 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 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 24 V rated value at 125 V rated value at 24 V rated value at 24 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 125 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 125 V rated value at 600 V rated value at 125 V rated value at 600 V rated value at 125 V rated value at 600 V rated value at 125 V rated value at 125 V rated value at 600 V rated value at 125 V rated value 	35 55 ms 10 20 ms Standard A1 - A2 1 1 1 10 A 2 A 1 A 10 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 1 A		



4.8.2021

 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	65 A
• at 600 V rated value	52 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	5 hp
— at 230 V rated value	10 hp
 for 3-phase AC motor 	
— at 200/208 V rated value	20 hp
— at 220/230 V rated value	20 hp
— at 460/480 V rated value	50 hp
— at 575/600 V rated value	50 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 kA)
— with type of assignment 2 required	gG: 125A (690V,100kA), aM: 63A (690V,100kA), BS88: 100A (415V,80kA)
 for short-circuit protection of the auxiliary switch required 	gG: 10 A (500 V, 1 kA)
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
 side-by-side mounting 	Yes
height	114 mm
width	55 mm
depth	130 mm
required spacing	
with side-by-side mounting	40
— forwards	10 mm
— upwards — downwards	10 mm 10 mm
— at the side	0 mm
	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 or stranded	2x (1 35 mm²), 1x (1 50 mm²)



	anded with core end processing		2x (1 25 mm²), 1x (1 35 mm²)			
	es for main contacts	2x (2x (18 2), 1x (18 1)			
connectable cond contacts	uctor cross-section for main					
	d with core end processing	1	1 35 mm²			
	uctor cross-section for auxiliary					
contacts						
 solid or strand 			0.5 2.5 mm ²			
	d with core end processing	0.5	2.5 mm²			
	le conductor cross-sections					
 for auxiliary c 		214	0.5 (0.75	Q E mm ²)		
— solid or s			2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²)			
	anded with core end processing es for auxiliary contacts		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14)			
	oded connectable conductor cros		20 10), 2x (10 14)			
section		3				
 for main contain 	acts	18.	1			
 for auxiliary c 	ontacts	20.	14			
Safety related data						
product function n	nirror contact acc. to IEC 60947-4-	-1 Yes	i i			
B10 value with high	demand rate acc. to SN 31920	1 00	000 000			
proportion of dang	gerous failures					
 with low dema 	and rate acc. to SN 31920	40 %	%			
 with high dem 	nand rate acc. to SN 31920	73 %	%			
	h low demand rate acc. to SN 31920) 100	FIT			
product function pos 60947-5-1	sitively driven operation acc. to IEC	No				
T1 value for proof IEC 61508	test interval or service life acc. to	20 y	/			
-	on the front acc. to IEC 60529	IP20	0			
touch protection o	on the front acc. to IEC 60529	fing	er-safe, for vertical conta	ct from the front		
suitability for use						
 safety-related 	-	No				
 safety-related 	-	Yes	i			
Certificates/ approv	als					
General Product A	Approval					
SP.		Ð	<u>Miscellaneous</u>	<u>KC</u>	EAC	
EMC	Declaration of Conformity		Test Certificates		Marine / Shipping	
RCM	Miscellaneous EG-	E Konf.	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	
Marine / Shipping						
	Lloyds Register urs	ins in the second se	RINA	RMRS		
VERITAS						
other						



Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2037-1NB30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2037-1NB30

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2037-1NB30

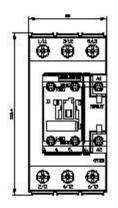
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

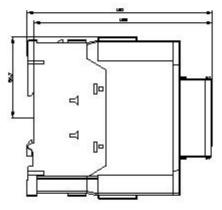
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2037-1NB30&lang=en

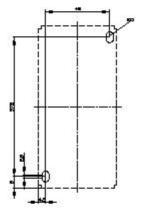
Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2037-1NB30/char

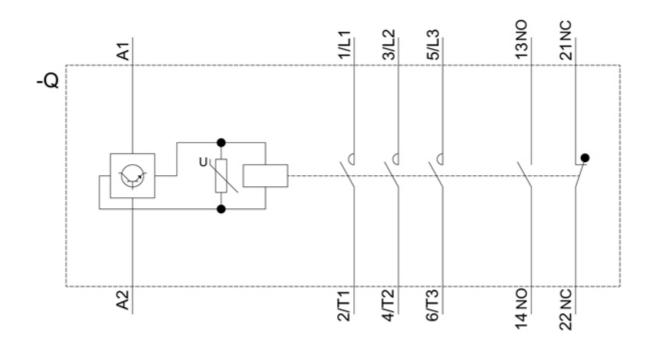
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2037-1NB30&objecttype=14&gridview=view1











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