## SIEMENS

## Data sheet

## 3RT2036-1AB00



power contactor, AC-3 50 A, 22 kW / 400 V 1 NO + 1 NC, 24 V AC, 50 Hz, 3-pole, Size S2, screw terminal

product brand name	SIRIUS			
product designation	Power contactor			
product type designation	3RT2			
General technical data				
size of contactor	S2			
product extension				
<ul> <li>function module for communication</li> </ul>	No			
auxiliary switch	Yes			
power loss [W] for rated value of the current at AC in hot operating state	12 W			
per pole	4 W			
power loss [W] for rated value of the current without load current share typical	16 W			
surge voltage resistance				
<ul> <li>of main circuit rated value</li> </ul>	6 kV			
<ul> <li>of auxiliary circuit rated value</li> </ul>	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	11.8g / 5 ms, 7.4g / 10 ms			
shock resistance with sine pulse				
● at AC	18.5g / 5 ms, 11.6g / 10 ms			
mechanical service life (switching cycles)				
<ul> <li>of contactor typical</li> </ul>	10 000 000			
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000			
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000			
reference code acc. to IEC 81346-2	Q			
Substance Prohibitance (Date)	01.10.2014			
Ambient conditions				
installation altitude at height above sea level maximum	2 000 m			
ambient temperature				
<ul> <li>during operation</li> </ul>	-25 +60 °C			
during storage	-55 +80 °C			
relative humidity minimum	10 %			
relative humidity at 55 °C acc. 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
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C	70 A
rated value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C	70 A
rated value	
— up to 690 V at ambient temperature 60 °C rated value	60 A
• at AC-3	
— at 400 V rated value	51 A
— at 500 V rated value	51 A
— at 690 V rated value	24 A
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	41 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	61.6 A
<ul> <li>at AC-5b up to 400 V rated value</li> </ul>	41.5 A
• at AC-6a	
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>	43.2 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	43.2 A
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	43.2 A
<ul> <li>— up to 690 V for current peak value n=20 rated value</li> <li>at AC-6a</li> </ul>	24 A
<ul> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>	28.8 A
— up to 400 V for current peak value n=30 rated value	28.8 A
— up to 500 V for current peak value n=30 rated value	28.8 A
— up to 690 V for current peak value n=30 rated value	24 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	24 A
• at 690 V rated value	20 A
operating power	
<ul> <li>at AC-2 at 400 V rated value</li> </ul>	22 kW
• at AC-3	
— at 230 V rated value	15 kW
— at 400 V rated value	22 kW
— at 500 V rated value	30 kW
— at 690 V rated value	22 kW
operating power for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	12.6 kW
• at 690 V rated value	18.2 kW
operating apparent power at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	17.2 kV·A
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	29.9 kV·A
• up to 500 V for current peak value n=20 rated value	37.4 kV·A
• up to 690 V for current peak value n=20 rated value	28.6 kV·A
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	11.4 kV·A
• up to 400 V for current peak value n=30 rated value	19.9 kV·A
• up to 500 V for current peak value n=30 rated value	24.9 kV·A
• up to 690 V for current peak value n=30 rated value	28.6 kV·A
short-time withstand current in cold operating state up to 40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	937 A; Use minimum cross-section acc. to AC-1 rated value

<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	697 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	468 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	282 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	229 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency					
• at AC	5 000 1/h				
operating frequency					
<ul> <li>at AC-1 maximum</li> </ul>	1 000 1/h				
<ul> <li>at AC-2 maximum</li> </ul>	600 1/h				
<ul> <li>at AC-3 maximum</li> </ul>	800 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	24 V				
operating range factor control supply voltage rated					
value of magnet coil at AC					
• at 50 Hz	0.8 1.1				
apparent pick-up power of magnet coil at AC					
• at 50 Hz	190 V·A				
inductive power factor with closing power of the coil					
• at 50 Hz	0.72				
apparent holding power of magnet coil at AC					
• at 50 Hz	16 V·A				
inductive power factor with the holding power of the					
coil					
• at 50 Hz	0.37				
closing delay					
• at AC	10 80 ms				
opening delay					
	10 18 ms				
• at AC	10 10 IIIS				
arcing time	10 20 ms				
arcing time control version of the switch operating mechanism					
arcing time	10 20 ms				
arcing time control version of the switch operating mechanism	10 20 ms				
arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	10 20 ms Standard A1 - A2				
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	10 20 ms Standard A1 - A2 1				
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         number of NO contacts for auxiliary contacts         instantaneous contact	10 20 ms Standard A1 - A2 1 1				
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	10 20 ms Standard A1 - A2 1 1				
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	10 20 ms Standard A1 - A2 1 1 10 A				
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	10 20 ms Standard A1 - A2 1 1 10 A 10 A				
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	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A				
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	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A 2 A				
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 500 V rated value         • at 690 V rated value	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A 2 A				
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	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A 2 A 1 A				
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	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A 2 A 1 A 10 A				
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	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A				
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 24 V rated value         • at 24 V rated value         • at 48 V rated value         • at 600 V rated value	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A				
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 24 V rated value         • at 48 V rated value         • at 400 V rated value	10 20 ms Standard A1 - A2 1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A				
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 600 V rated value         • at 600 V rated value         • at 24 V rated value         • at 24 V rated value         • at 48 V rated value         • at 60 V rated value         • at 10 V rated value         • at 125 V rated value         • at 220 V rated value	10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A				
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 24 V rated value         • at 48 V rated value         • at 400 V rated value         • at 24 V rated value         • at 250 V rated value         • at 24 V rated value         • at 25 V rated value         • at 110 V rated value         • at 125 V rated value         • at 220 V rated value         • at 220 V rated value         • at 600 V rated value         • at 220 V rated value         • at 600 V rated value         • at 600 V rated value	10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A				
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 600 V rated value         • at 600 V rated value         • at 24 V rated value         • at 24 V rated value         • at 48 V rated value         • at 60 V rated value         • at 10 V rated value         • at 125 V rated value         • at 220 V rated value	10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A				
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 24 V rated value         • at 40 V rated value         • at 690 V rated value         • at 220 V rated value         • at 40 V rated value         • at 22 V rated value         • at 60 V rated value         • at 110 V rated value         • at 220 V rated value         • at 220 V rated value         • at 600 V rated value         • at 220 V rated value         • at 600 V rated value         • at 220 V rated value         • at 24 V rated value         • at 24 V rated value	10 20 ms Standard A1 - A2 1 1 1 1 10 A 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 1				
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 400 V rated value         • at 690 V rated value         • at 400 V rated value         • at 48 V rated value         • at 10 V rated value         • at 110 V rated value         • at 220 V rated value         • at 600 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 valu	10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 3 A 2 A 10 A 6 A 6 A 6 A 3 A 2 A 10 A 10 A 10 A 10 A 10 A 10 A 2 A 10 A 2 A				
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 24 V rated value         • at 60 V rated value         • at 48 V rated value         • at 10 V rated value         • at 125 V rated value         • at 220 V rated value         • at 220 V rated value         • at 24 V rated value         • at 24 V rated value         • at 220 V rated value         • at 220 V rated value         • at 48 V rated value     <	10 20 ms Standard A1 - A2 1 1 1 1 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 10 A 10 A 2 A 1 A 10 A 1				
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 690 V rated value         • at 24 V rated value         • at 25 V rated value         • at 10 V rated value         • at 110 V rated value         • at 220 V rated value         • at 220 V rated value         • at 220 V rated value         • at 600 V rated value         • at 48 V rated value         • at 48 V rated value         • at 420 V rated value         • at 600 V rated value         • at 48 V rated value         • at 48 V rated value         • at 48 V rated value         • at 40 V rated value </th <td>10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 10 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 1 A 10 A 2 A 1 A 10 1</td>	10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 10 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 1 A 10 A 2 A 1 A 10 1				
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 690 V rated value         • at 24 V rated value         • at 25 V rated value         • at 10 V rated value         • at 10 V rated value         • at 220 V rated value         • at 24 V rated value         • at 25 V rated value         • at 20 V rated value         • at 220 V rated value         • at 220 V rated value         • at 48 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	10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 10 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10				
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 400 V rated value         • at 220 V rated value         • at 10 V rated value         • at 220 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 20 V rated value         • at 48 V rated value         • at 48 V rated value         • at 10 V rated value         • at 125 V rated value <td>10 20 ms Standard A1 - A2 1 1 1 1 10 A 10 A 10 A 10 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 1</td>	10 20 ms Standard A1 - A2 1 1 1 1 10 A 10 A 10 A 10 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 1				
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 690 V rated value         • at 24 V rated value         • at 25 V rated value         • at 10 V rated value         • at 10 V rated value         • at 220 V rated value         • at 24 V rated value         • at 25 V rated value         • at 20 V rated value         • at 220 V rated value         • at 220 V rated value         • at 48 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	10 20 ms Standard A1 - A2 1 1 1 10 A 10 A 10 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 10 1				

UL/CSA ratings					
full-load current (FLA) for 3-phase AC motor					
at 480 V rated value	52 A				
at 400 V rated value	52 A				
yielded mechanical performance [hp]	52 M				
for single-phase AC motor					
- at 110/120 V rated value	3 hp				
— at 230 V rated value	10 hp				
• for 3-phase AC motor	10 hp				
- at 200/208 V rated value	15 hn				
— at 220/230 V rated value	15 hp				
— at 460/480 V rated value	15 hp				
— at 575/600 V rated value	40 hp				
contact rating of auxiliary contacts according to UL	50 hp A600 / P600				
Short-circuit protection	A0007 F 000				
design of the fuse link					
<ul> <li>for short-circuit protection of the main circuit</li> </ul>					
- with type of coordination 1 required	gG: 160 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA)				
	gG: 80A (690V,100kA), aM: 50A (690V,100kA), BS88: 63A (415V,80kA)				
<ul> <li>for short-circuit protection of the auxiliary switch</li> </ul>	gG: 10 A (500 V, 1 kA)				
required	go. 1071(000 v, 110)				
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				
<ul> <li>side-by-side mounting</li> </ul>	Yes				
height	114 mm				
width	55 mm				
depth	130 mm				
required spacing					
<ul> <li>with side-by-side mounting</li> </ul>					
— forwards	10 mm				
— upwards	10 mm				
— downwards	10 mm				
— at the side	0 mm				
<ul> <li>for grounded parts</li> </ul>					
— forwards	10 mm				
— upwards	10 mm				
— at the side	6 mm				
— downwards	10 mm				
<ul> <li>for live parts</li> </ul>					
– 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)				
<ul> <li>finely stranded with core end processing</li> </ul>	$2x (1 35 mm^2), 1x (1 30 mm^2)$ $2x (1 25 mm^2), 1x (1 35 mm^2)$				
at AWG cables for main contacts	2x (1 25 mm <sup>-</sup> ), 1x (1 35 mm <sup>-</sup> ) 2x (18 2), 1x (18 1)				
connectable conductor cross-section for main contacts					
<ul> <li>finely stranded with core end processing</li> </ul>	1 35 mm²				

connectable conduc	ctor cross-section for	auxiliary						
<ul> <li>solid or strande</li> </ul>	d		0.5 2.5	5 mm²				
				5 2.5 mm <sup>2</sup>				
type of connectable conductor cross-sections								
<ul> <li>for auxiliary con</li> </ul>	ntacts							
— solid or stranded			2x (0.5	1.5 mm²), 2x (0.7	5 2.5 mm²)			
— finely strar	nded with core end proc	essing	2x (0.5	1.5 mm²), 2x (0.7	5 2.5 mm²)			
	for auxiliary contacts		2x (20	. 16), 2x (18 14)				
AWG number as coo section	ded connectable cond	uctor cross						
<ul> <li>for main contact</li> </ul>	ts	18 1						
<ul> <li>for auxiliary con</li> </ul>	<ul> <li>for auxiliary contacts</li> </ul>			20 14				
Safety related data	Safety related data							
	emand rate acc. to SN	31920	1 000 00	0				
proportion of dange								
	d rate acc. to SN 31920		40 %					
_	nd rate acc. to SN 3192		73 %					
	low demand rate acc. to		100 FIT					
T1 value for proof te IEC 61508	est interval or service l	ife acc. to	20 y					
•	on the front acc. to IEC		IP20					
	the front acc. to IEC 6	0529	finger-sa	ife, for vertical conta	act from the front			
suitability for use			X					
<ul> <li>safety-related s</li> </ul>	-		Yes					
Certificates/ approval	S	_						
General Product Ap	provai							
( Specific States of the state				(ŲL)		FHL		
EMC	Functional Safety/Safety of Machinery	Declaration of Conformity		Test Certificates				
RCM	<u>Type Examination</u> <u>Certificate</u>	<u>UK Declaration of</u> <u>Conformity</u>		CE EG-Konf.	Special Test Certific- ate	<u>Type Test Certific-</u> ates/Test Report		
Marine / Shipping								
ABS				Llovd's Register uts	PRS	RINA		
Marine / Shipping	other		R	ailway	Dangerous Good			
RMRS	<u>Confirmation</u>	<u>Confirmatic</u>	on <u>Vil</u>	bration and Shock	<u>Transport Informa-</u> tion			
Further information	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=3RT2036-1AB00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2036-1AB00

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2036-1AB00

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

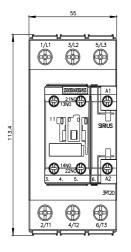
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2036-1AB00&lang=en

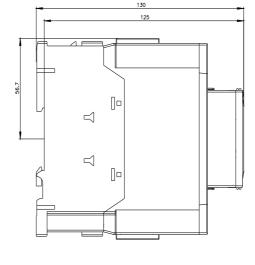
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

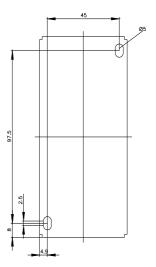
https://support.industry.siemens.com/cs/ww/en/ps/3RT2036-1AB00/char

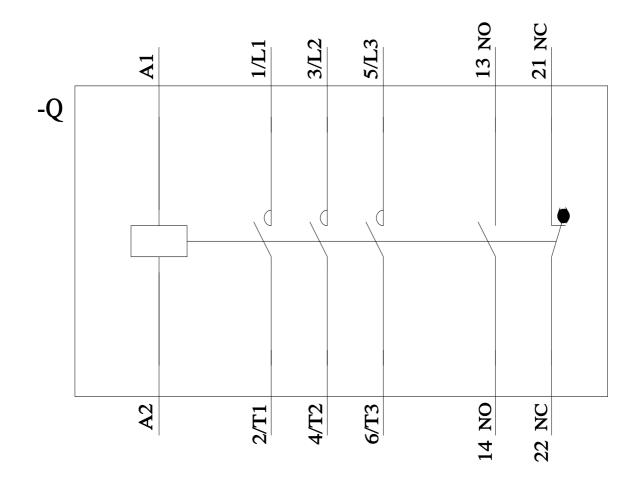
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2036-1AB00&objecttype=14&gridview=view1









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