## SIEMENS

## Data sheet

## 3RT2036-1AP64



power contactor, AC-3 51 A, 22 kW / 400 V 2 NO + 2 NC, 220 V AC, 50 Hz / 240 V, 60 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
<ul> <li>auxiliary switch</li> </ul>	No
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	12 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	4 W
<ul> <li>without load current share typical</li> </ul>	18.5 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
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 according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at AC	9.8g / 5 ms, 6.5g / 10 ms
shock resistance with sine pulse	
• at AC	15.3g / 5 ms, 10.1g / 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 according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2014
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-25 +60 °C
<ul> <li>during storage</li> </ul>	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %

Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> </ul>	70 A
● at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	70 A
— 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
• at AC-3e	
— 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
• at AC-5b up to 400 V rated value	41.5 A
● at AC-6a	
— up to 230 V for current peak value n=20 rated value	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> </ul>	24 A
<ul> <li>at AC-6a         <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul> </li> </ul>	28.8 A
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	28.8 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	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 operational current for approx. 200000 operating	25 mm <sup>2</sup>
cycles at AC-4	
<ul> <li>at 400 V rated value</li> </ul>	24 A
• at 690 V rated value	20 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	1A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— 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	1A
— at 600 V rated value	0.8 A
	0.07
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	

— 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							
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>								
— 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							
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>								
— at 24 V rated value	55 A							
— at 110 V rated value	25 A							
— at 220 V rated value	25 A 5 A							
— at 440 V rated value	0.27 A							
— at 600 V rated value	0.27 A 0.16 A							
• with 3 current paths in series at DC-3 at DC-5	0.1074							
- at 24 V rated value	55 A							
— at 24 v rated value — 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								
• at AC-2 at 400 V rated value	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							
• at AC-3e								
— 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 400 V rated value	12.6 kW							
at 690 V rated value	18.2 kW							
operating apparent power at AC-6a								
• up to 230 V for current peak value n=20 rated value	17.2 kVA							
• up to 400 V for current peak value n=20 rated value	29.9 kVA							
• up to 500 V for current peak value n=20 rated value	37.4 kVA							
up to 690 V for current peak value n=20 rated value	28.6 kVA							
operating apparent power at AC-6a								
• up to 230 V for current peak value n=30 rated value	11.4 kVA							
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	19.9 kVA							
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	24.9 kVA							
up to 690 V for current peak value n=30 rated value	28.6 kVA							
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								
• at AC-1 maximum	1 000 1/h							
• at AC-2 maximum	600 1/h							
• at AC-3 maximum	800 1/h							

<ul> <li>at AC-3e 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	220 V
at 60 Hz rated value	240 V
operating range factor control supply voltage rated	
value of magnet coil at AC	0.0 4.4
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	040.1/4
• at 50 Hz	212 VA
• at 60 Hz	188 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.69
• at 60 Hz	0.65
apparent holding power of magnet coil at AC	
• at 50 Hz	18.5 VA
• at 60 Hz	16.5 VA
inductive power factor with the holding power of the	
	0.26
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul>	0.36 0.39
	0.59
closing delay	10 00 mg
• at AC	10 80 ms
opening delay	10 10
• at AC	10 18 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 instantaneous contact	2
	2
number of NO contacts for auxiliary contacts instantaneous contact	2
number of NO contacts for auxiliary contacts instantaneous contact	2 10 A
number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum	
number of NO 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 A 6 A
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 A
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 A 6 A 3 A
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 A 6 A 3 A 2 A
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	10 A 6 A 3 A 2 A
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 operational current at DC-12	10 A 6 A 3 A 2 A 1 A
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 operational current at DC-12 • at 24 V rated value • at 48 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A
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 operational current at DC-12 • at 24 V rated value	10 A 6 A 3 A 2 A 1 A 10 A
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 48 V rated value • at 60 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A
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 operational current at DC-12 • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 10 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A
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 48 V rated value • at 48 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A
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 24 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 • at 220 V rated value • at 600 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A
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 48 V rated value • at 48 V rated value • at 40 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A
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 48 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 6 A
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 48 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 6 A 2 A
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 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 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 60 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 6 A 3 A 2 A 1 A 6 A 3 A 2 A 1 A
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 48 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 220 V rated value • at 600 V rated value • at 110 V rated value • at 48 V rated value • at 48 V rated value • at 48 V rated value • at 400 V rated value	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 0.15 A 6 A 2 A 1 A
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 48 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 125 V rated value • at 24 V rated value • at 25 V rated value • at 25 V rated value • at 48 V rated value • at 110 V rated value • at 110 V rated value • at 110 V rated value • at 125 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 6 A 2 A 1 A 0.15 A
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 24 V rated value • at 48 V rated value • at 60 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 600 V rated value • at 600 V rated value • at 125 V rated value • at 100 V rated value • at 220 V rated value	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 0.15 A 6 A 2 A 1 A 0.15 A
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 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 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 • at 220 V rated value • at 600 V rated value • at 110 V rated value • at 125 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 6 A 2 A 1 A 0.15 A
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 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 220 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 60 V rated value • at 125 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value	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 0.15 A 6 A 2 A 1 A 0.15 A
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 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 600 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 20 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 6 A 2 A 1 A 0.15 A
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 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 220 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 60 V rated value • at 125 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value	10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 6 A 2 A 1 A 0.15 A

at 600 V rated value	52 A				
• at 600 v rated value yielded mechanical performance [hp]					
for single-phase AC motor					
	0 hz				
— at 110/120 V rated value	3 hp				
— at 230 V rated value	10 hp				
for 3-phase AC motor					
— at 200/208 V rated value	15 hp				
— at 220/230 V rated value	15 hp				
— at 460/480 V rated value	40 hp				
— at 575/600 V rated value	50 hp				
contact rating of auxiliary contacts according to UL	A600 / Q600				
Short-circuit protection					
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)				
<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 80A (690V,100kA), aM: 50A (690V,100kA), BS88: 63A (415V,80kA)				
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	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	174 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				
• 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     type of connectable conductor cross-sections	Screw-type terminals				
for main contacts					
solid or stranded	$2x(1 - 35 \text{ mm}^2) + 1x(1 - 50 \text{ mm}^2)$				
	$2x (1 35 mm^2), 1x (1 50 mm^2)$ $2x (1 25 mm^2) 1x (1 25 mm^2)$				
- finely stranded with core end processing	2x (1 25 mm <sup>2</sup> ), 1x (1 35 mm <sup>2</sup> )				
at AWG cables for main contacts	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 conductor cross-section for auxiliary contacts					
<ul> <li>solid or stranded</li> </ul>	0.5 2.5 mm²				

<ul> <li>finely stranded</li> </ul>	with core end processir	ng 0.	5 2.5 mm²				
	conductor cross-sect						
<ul> <li>for auxiliary cor</li> </ul>							
— solid or stranded			x (0.5 1.5 mm²), 2x (0.7	5 2.5 mm²)			
— finely strar	— finely stranded with core end processing						
-	at AWG cables for auxiliary contacts			2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14)			
	ded connectable cond	uctor cross					
section							
<ul> <li>for main contact</li> </ul>			3 1				
<ul> <li>for auxiliary cor</li> </ul>	ntacts	20	20 14				
Safety related data							
product function							
	according to IEC 60947-		Yes				
<ul> <li>positively driver</li> <li>5-1</li> </ul>	n operation according to	DIEC 60947- N	No				
	lemand rate according t	o SN 31920 1	000 000				
proportion of dange		0 011 01020 1					
	nd rate according to SN	31920 40	0 %				
	nd rate according to SN		3 %				
_	low demand rate accord		DO FIT				
T1 value for proof tes IEC 61508	t interval or service life	according to 20	О у				
protection class IP of 60529	on the front according	to IEC IF	220				
touch protection on	the front according to	IEC 60529 fir	finger-safe, for vertical contact from the front				
suitability for use							
<ul> <li>safety-related s</li> </ul>	witching OFF	Y	es				
Certificates/ approval	s						
General Product Ap	oproval						
SP CEM	<u>Confirmation</u>			<u>KC</u>	EHC		
EMC	Functional Safety/Safety of Machinery	Declaration of Co	onformity	Test Certificates			
RCM	<u>Type Examination</u> <u>Certificate</u>		CE EG-Konf.	Type Test Certific- ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>		
Marine / Shipping							
ABS	BUREAU VERITAS		Lloyds Register uts	PRS	RINA		
Marine / Shipping	other		Railway	Dangerous Good			
KIMBS RAMES	<u>Confirmation</u>	<u>Confirmation</u>	Vibration and Shock	Transport Informa- tion			

## 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=3RT2036-1AP64 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2036-1AP64 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2036-1AP64 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2036-1AP64&lang=en Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2036-1AP64/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2036-1AP64&objecttype=14&gridview=view1

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