## **SIEMENS**

Data sheet 3RT1076-2NP36



power contactor, AC-3e/AC-3 500 A, 250 kW / 400 V AC (50-60 Hz) / DC Uc: 200-277 V PLC input 24 V DC 3-pole, auxiliary contacts 2 NO + 2 NC drive: electronic main circuit: busbar control and auxiliary circuit: spring-loaded terminal

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT1
General technical data	
size of contactor	S12
product extension function module for communication	No
power loss [W] for rated value of the current	
• at AC in hot operating state	165 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	55 W
<ul> <li>without load current share typical</li> </ul>	3.6 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	500 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	690 V
shock resistance at rectangular impulse	
• at AC	8,5g / 5 ms, 4,2g / 10 ms
• at DC	8,5g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at AC	13,4g / 5 ms, 6,5g / 10 ms
• at DC	13,4g / 5 ms, 6,5g / 10 ms
mechanical service life (operating 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
of the contactor with added auxiliary switch block typical	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/01/2012
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 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>	1 000 V
at AC-3e rated value maximum	1 000 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> <li>at AC-1</li> </ul>	610 A
— up to 690 V at ambient temperature 40 °C rated value	610 A
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	550 A
— up to 1000 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	200 A
— up to 1000 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	200 A
• at AC-3	
— at 400 V rated value	500 A
— at 500 V rated value	500 A
— at 690 V rated value	450 A
— at 1000 V rated value	180 A
• at AC-3e	F00 A
— at 400 V rated value	500 A
— at 500 V rated value — at 690 V rated value	500 A 450 A
— at 1000 V rated value  — at 1000 V rated value	180 A
at AC-4 at 400 V rated value	430 A
• at AC-5a up to 690 V rated value	536 A
at AC-5b up to 400 V rated value	415 A
• at AC-6a	7107
— up to 230 V for current peak value n=20 rated value	414 A
— up to 400 V for current peak value n=20 rated value	414 A
— up to 500 V for current peak value n=20 rated value	414 A
— up to 690 V for current peak value n=20 rated value	414 A
— up to 1000 V for current peak value n=20 rated value	180 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	276 A
— up to 400 V for current peak value n=30 rated value	276 A
— up to 500 V for current peak value n=30 rated value	276 A
— up to 690 V for current peak value n=30 rated value	276 A
— up to 1000 V for current peak value n=30 rated value	180 A
minimum cross-section in main circuit at maximum AC-1 rated value	370 mm²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	175 A
at 690 V rated value	150 A
operating power	
• at AC-3	400 IAM
— at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW 400 kW
— at 690 V rated value — at 1000 V rated value	250 kW
at 1000 v rated value     at AC-3e	ZOU NVV
at AC-3e  — at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW
— at 200 A tated Agine	O TO KYY
	400 kW
— at 690 V rated value — at 1000 V rated value	400 kW 250 kW

a at 400 V rated value	98 kW			
<ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul>	98 KW			
operating apparent power at AC-6a	17U NVV			
. •	400,000 IA/A			
up to 230 V for current peak value n=20 rated value	160 000 kVA			
up to 400 V for current peak value n=20 rated value	280 000 VA			
up to 500 V for current peak value n=20 rated value	350 000 VA			
• up to 690 V for current peak value n=20 rated value	490 000 VA			
• up to 1000 V for current peak value n=20 rated value	310 000 VA			
operating apparent power at AC-6a	440,000,1/0			
• up to 230 V for current peak value n=30 rated value	110 000 VA			
• up to 400 V for current peak value n=30 rated value	190 000 VA			
• up to 500 V for current peak value n=30 rated value	230 000 VA			
• up to 690 V for current peak value n=30 rated value	330 000 VA			
up to 1000 V for current peak value n=30 rated value	310 000 VA			
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>	7 484 A; Use minimum cross-section acc. to AC-1 rated value			
limited to 5 s switching at zero current maximum	7 484 A; Use minimum cross-section acc. to AC-1 rated value			
limited to 10 s switching at zero current maximum	5 978 A; Use minimum cross-section acc. to AC-1 rated value			
limited to 30 s switching at zero current maximum	3 765 A; Use minimum cross-section acc. to AC-1 rated value			
limited to 60 s switching at zero current maximum	2 887 A; Use minimum cross-section acc. to AC-1 rated value			
no-load switching frequency	,			
• at AC	1 000 1/h			
• at DC	1 000 1/h			
operating frequency				
• at AC-1 maximum	500 1/h			
• at AC-2 maximum	170 1/h			
• at AC-3 maximum	420 1/h			
at AC-3e maximum	420 1/h			
at AC-4 maximum	130 1/h			
Control circuit/ Control	150 11.1			
type of voltage of the control supply voltage	AC/DC			
type of voltage of the control supply voltage	AC/DC			
type of voltage of the control supply voltage control supply voltage at AC  • at 50 Hz rated value				
control supply voltage at AC	AC/DC 200 277 V 200 277 V			
control supply voltage at AC  at 50 Hz rated value  at 60 Hz rated value	200 277 V			
control supply voltage at AC  • at 50 Hz rated value	200 277 V			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of	200 277 V 200 277 V			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC	200 277 V 200 277 V 200 277 V			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value	200 277 V 200 277 V 200 277 V			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value	200 277 V 200 277 V 200 277 V			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value	200 277 V 200 277 V 200 277 V			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of	200 277 V 200 277 V 200 277 V			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC	200 277 V 200 277 V 200 277 V 0.8 1.1			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz	200 277 V 200 277 V 200 277 V 0.8 1.1			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC	200 277 V 200 277 V 200 277 V 0.8 1.1			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum	200 277 V 200 277 V 200 277 V 0.8 1.1 0.8 1.1 0.8 1.1 Type 2			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value	200 277 V 200 277 V 200 277 V 0.8 1.1 0.8 1.1 0.8 1.1 Type 2 20 mA			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input	200 277 V 200 277 V 200 277 V 0.8 1.1 0.8 1.1 0.8 1.1 Type 2 20 mA			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V  0.8 1.1			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power	200 277 V 200 277 V  0.8 1.1  0.8 1.1  0.8 1.1  Type 2  20 mA  24 V  0.8 1.1			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V  0.8 1.1			
control supply voltage at AC  • at 50 Hz rated value • at 60 Hz rated value  control supply voltage at DC • rated value  operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power • at minimum rated control supply voltage at AC	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V  0.8 1.1  with varistor			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz	200 277 V 200 277 V  0.8 1.1  0.8 1.1 0.8 1.1 Type 2 20 mA  24 V 0.8 1.1 with varistor			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1 0.8 1.1 Type 2 20 mA  24 V 0.8 1.1 with varistor			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz  • at maximum rated control supply voltage at AC  — at 60 Hz	200 277 V 200 277 V 200 277 V  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V 0.8 1.1 with varistor			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz  • at maximum rated control supply voltage at AC  — at 60 Hz  — at 50 Hz  — at 50 Hz	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V  0.8 1.1 with varistor			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz  • at maximum rated control supply voltage at AC  — at 50 Hz  — at 50 Hz  apparent pick-up power of magnet coil at AC	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V 0.8 1.1 with varistor  560 VA 560 VA 750 VA			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz  • at maximum rated control supply voltage at AC  — at 60 Hz  — at 50 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V 0.8 1.1 with varistor  560 VA 560 VA 750 VA			
control supply voltage at AC  • at 50 Hz rated value  • at 60 Hz rated value  control supply voltage at DC  • rated value  operating range factor control supply voltage rated value of magnet coil at DC  • initial value  • full-scale value  operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz  • at 60 Hz  type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz  • at maximum rated control supply voltage at AC  — at 50 Hz  — at 50 Hz  apparent pick-up power of magnet coil at AC	200 277 V 200 277 V  200 277 V  0.8 1.1  0.8 1.1  Type 2 20 mA  24 V 0.8 1.1 with varistor  560 VA 560 VA 750 VA			

● at 50 Hz	0.8			
• at 60 Hz	0.8			
apparent holding power				
<ul> <li>at minimum rated control supply voltage at DC</li> </ul>	3 VA			
<ul> <li>at maximum rated control supply voltage at DC</li> </ul>	3.6 VA			
apparent holding power				
<ul> <li>at minimum rated control supply voltage at AC</li> </ul>				
— at 50 Hz	5.6 VA			
— at 60 Hz	5.6 VA			
<ul> <li>at maximum rated control supply voltage at AC</li> </ul>				
— at 50 Hz	9 VA			
— at 60 Hz	9 VA			
apparent holding power of magnet coil at AC				
• at 50 Hz	9 VA			
• at 60 Hz	9 VA			
inductive power factor with the holding power of the coil				
● at 50 Hz	0.4			
● at 60 Hz	0.4			
closing power of magnet coil at DC	800 W			
holding power of magnet coil at DC	3.6 W			
closing delay				
• at AC	60 90 ms			
• at DC	60 90 ms			
opening delay at AC	80 100 ms			
control version of the switch operating mechanism	PLC-IN or Standard A1 - A2 (adjustable)			
Auxiliary circuit	(			
operational current at AC-12 maximum	10 A			
operational current at AC-15	1071			
at 230 V rated value	6 A			
at 400 V rated value	3 A			
at 500 V rated value	2 A			
at 690 V rated value	1 A			
operational current at DC-12				
at 24 V rated value	10 A			
at 48 V rated value	6 A			
at 60 V rated value				
at 110 V rated value	6 A			
at 110 V rated value     at 125 V rated value	3 A			
at 123 V rated value     at 220 V rated value	2 A			
	1 A			
at 600 V rated value	0.15 A			
operational current at DC-13	40.4			
at 24 V rated value     at 48 V rated value	10 A			
at 48 V rated value     at 60 V rated value	2 A			
at 60 V rated value	2 A			
at 110 V rated value	1 A			
at 125 V rated value	0.9 A			
at 220 V rated value	0.3 A			
at 600 V rated value	0.1 A			
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)			
UL/CSA ratings				
full-load current (FLA) for 3-phase AC motor				
• at 480 V rated value	477 A			
at 600 V rated value	472 A			
yielded mechanical performance [hp]				
• for 3-phase AC motor				
<ul> <li>at 200/208 V rated value</li> </ul>	150 hp			
— at 220/230 V rated value	200 hp			
— at 460/480 V rated value	400 hp			
— at 575/600 V rated value	500 hp			
contact rating of auxiliary contacts according to UL	A600 / Q600			

Short-circuit protection			
design of the fuse link			
for short-circuit protection of the main circuit			
with type of coordination 1 required	gG: 630 A (690 V, 100 kA)		
with type of assignment 2 required	gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50		
martype of accignment 2 required	kA)		
• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)		
Installation/ mounting/ dimensions			
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back		
fastening method	screw fixing		
• side-by-side mounting	Yes		
height	214 mm		
width	160 mm		
depth	225 mm		
required spacing			
<ul><li>with side-by-side mounting</li></ul>			
— forwards	20 mm		
— upwards	10 mm		
— downwards	10 mm		
— at the side	0 mm		
<ul> <li>for grounded parts</li> </ul>			
— 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	Connection bar		
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Spring-type terminals		
of magnet coil	Spring-type terminals		
width of connection bar	25 mm		
thickness of connection bar	6 mm		
diameter of holes	11 mm		
number of holes	1		
connectable conductor cross-section for main contacts			
• stranded	70 240 mm²		
connectable conductor cross-section for auxiliary contacts			
solid or stranded	0.25 2.5 mm <sup>2</sup>		
finely stranded with core end processing	0.25 1.5 mm <sup>2</sup>		
finely stranded without core end processing	0.25 2.5 mm <sup>2</sup>		
type of connectable conductor cross-sections			
for auxiliary contacts	0 (0.05 0.5 3)		
— solid	2x (0.25 2.5 mm²)		
— solid or stranded	2x (0,25 2,5 mm²)		
— finely stranded with core end processing	2x (0.25 1.5 mm²)		
— finely stranded without core end processing	2x (0.25 2.5 mm²)		
for AWG cables for auxiliary contacts	2x (24 14)		
Safety related data			
product function	V		
mirror contact according to IEC 60947-4-1	Yes		
<ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul>	No		
mirror contact according to IEC 60947-4-1     positively driven operation according to IEC 60947-5-1  B10 value with high demand rate according to SN 31920	No 1 000 000		
<ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul>	No		

touch protection on the front according to IEC 60529

finger-safe, for vertical contact from the front with box terminal/cover

suitability for use

• safety-related switching OFF

Yes

Certificates/ approvals

**General Product Approval** 

**EMC** 



Confirmation









Functional Safety/Safety of Machinery

**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping

Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping

other







Confirmation

**Miscellaneous** 

Confirmation

other Railway

Miscellaneous Special Test Certific-

<u>ate</u>

Vibration and Shock

## Further information

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

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$ 

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=3RT1076-2NP36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1076-2NP36

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

 $\underline{\text{https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-2NP36}}$ 

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

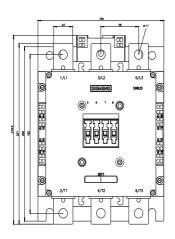
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1076-2NP36&lang=en

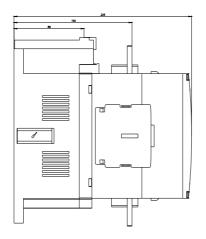
Characteristic: Tripping characteristics, I2t, Let-through current

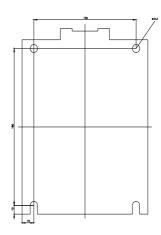
https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-2NP36/char

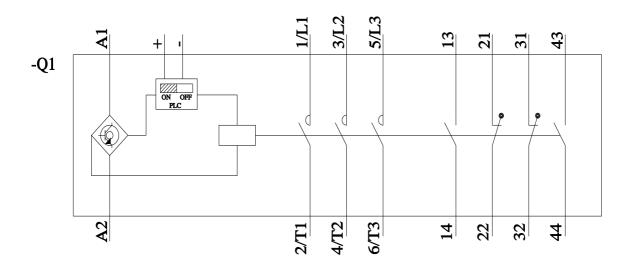
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1076-2NP36&objecttype=14&gridview=view1









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