SIEMENS

Data sheet 3RT1075-6AP36



power contactor, AC-3e/AC-3 400 A, 200 kW / 400 V AC (50-60 Hz) / DC Uc: 220-240 V 3-pole, auxiliary contacts 2 NO + 2 NC drive: conventional main circuit: busbar control and auxiliary circuit: screw 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	
auxiliary switch	Yes	
power loss [W] for rated value of the current		
 at AC in hot operating state 	105 W	
 at AC in hot operating state per pole 	35 W	
 without load current share typical 	10 W	
insulation voltage		
 of main circuit with degree of pollution 3 rated value 	1 000 V	
 of auxiliary circuit with degree of pollution 3 rated value 	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)		
 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 according to IEC 81346-2	Q	
Substance Prohibitance (Date)	05/01/2012	
SVHC substance name	Blei - 7439-92-1	
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	
relative humidity minimum	10 %	
relative humidity at 55 °C according to IEC 60068-2-30	95 %	

maximum	
ain circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	1 000 V
at AC-3e rated value maximum	1 000 V
operational current	1 000 V
at AC-1 at 400 V at ambient temperature 40 °C rated	430 A
value	700 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated	430 A
value	
— up to 690 V at ambient temperature 60 °C rated	400 A
value	222.4
 up to 1000 V at ambient temperature 40 °C rated value 	200 A
— up to 1000 V at ambient temperature 60 °C rated	200 A
value	200 A
• at AC-3	
— at 400 V rated value	400 A
— at 500 V rated value	400 A
— at 690 V rated value	400 A
— at 1000 V rated value	180 A
• at AC-3e	
— at 400 V rated value	400 A
— at 500 V rated value	400 A
— at 690 V rated value	400 A
	180 A
— at 1000 V rated value	
at AC-4 at 400 V rated value	350 A
at AC-5a up to 690 V rated value	378 A
at AC-5b up to 400 V rated value	332 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	395 A
— up to 400 V for current peak value n=20 rated value	395 A
— up to 500 V for current peak value n=20 rated value	395 A
— up to 690 V for current peak value n=20 rated value	395 A
 up to 1000 V for current peak value n=20 rated value 	180 A
at AC-6a	
	264 A
— up to 230 V for current peak value n=30 rated value	
— up to 400 V for current peak value n=30 rated value	264 A
— up to 500 V for current peak value n=30 rated value	264 A
— up to 690 V for current peak value n=30 rated value	264 A
 up to 1000 V for current peak value n=30 rated value 	180 A
ninimum cross-section in main circuit at maximum AC-1 rated value	300 mm²
pperational current for approx. 200000 operating cycles at	
AC-4	150 A
at 400 V rated valueat 690 V rated value	150 A 135 A
	100 A
operational current	
at 1 current path at DC-1 at 24 V reted value.	400 A
— at 24 V rated value	400 A
— at 60 V rated value	330 A
— at 110 V rated value	33 A
— at 220 V rated value	3.8 A
— at 440 V rated value	0.9 A
— at 600 V rated value	0.6 A
 with 2 current paths in series at DC-1 	
— at 24 V rated value	400 A
 at 60 V rated value 	400 A

— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	4 A
— at 600 V rated value	2 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	400 A
— at 60 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	11 A
— at 600 V rated value	5.2 A
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	400 A
— at 60 V rated value	11 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.18 A
— at 600 V rated value	0.125 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	400 A
— at 60 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	2.5 A
— at 440 V rated value	0.65 A
— at 600 V rated value	0.37 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	400 A
— at 60 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	
• at AC-3	
— at 230 V rated value	132 kW
— at 400 V rated value	200 kW
— at 500 V rated value	250 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
• at AC-3e	
— at 230 V rated value	132 kW
— at 400 V rated value	200 kW
— at 500 V rated value	250 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
operating power for approx. 200000 operating cycles at AC-	
4	
at 400 V rated value	85 kW
at 690 V rated value	133 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	150 000 kVA
 up to 400 V for current peak value n=20 rated value 	270 000 VA
 up to 500 V for current peak value n=20 rated value 	340 000 VA
 up to 690 V for current peak value n=20 rated value 	470 000 VA
up to 1000 V for current peak value n=20 rated value	310 000 VA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	100 000 VA
• up to 400 V for current peak value n=30 rated value	180 000 VA
• up to 500 V for current peak value n=30 rated value	220 000 VA
• up to 690 V for current peak value n=30 rated value	310 000 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	
 limited to 1 s switching at zero current maximum 	6 600 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	5 761 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	4 143 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	2 635 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	2 088 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	2 000 1/h
• at DC	2 000 1/h
operating frequency	
• at AC-1 maximum	700 1/h
• at AC-2 maximum	200 1/h
at AC-3 maximum	500 1/h
at AC-3e maximum	500 1/h
• at AC-4 maximum	130 1/h
Control circuit/ Control	100 1/11
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	10/00
at 50 Hz rated value	220 240 V
at 50 Hz rated value at 60 Hz rated value	220 240 V 220 240 V
	220 240 V
control supply voltage at DC	220 240 V
rated value	220 240 V
operating range factor control supply voltage rated value of magnet coil at DC	
• initial value	0.8
full-scale value	1.1
operating range factor control supply voltage rated value of	
magnet coil at AC	00.44
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
design of the surge suppressor	with varistor
apparent pick-up power	
at minimum rated control supply voltage at AC	700.1/4
— at 50 Hz	700 VA
— at 60 Hz	700 VA
at maximum rated control supply voltage at AC	000.1/4
— at 60 Hz	830 VA
— at 50 Hz	830 VA
apparent pick-up power of magnet coil at AC	
● at 50 Hz	830 VA
• at 60 Hz	830 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.9
• at 60 Hz	0.9
apparent holding power	
 at minimum rated control supply voltage at DC 	8.5 VA
at maximum rated control supply voltage at DC	10 VA
apparent holding power	
 at minimum rated control supply voltage at AC 	
— at 50 Hz	7.6 VA
— at 60 Hz	7.6 VA
 at maximum rated control supply voltage at AC 	
— at 50 Hz	9.2 VA
— at 60 Hz	9.2 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.9
• at 60 Hz	0.9
closing power of magnet coil at DC	920 W
holding power of magnet coil at DC	10 W
closing delay	
• at AC	45 100 ms

• at DC	45 100 ms		
opening delay			
• at AC	60 100 ms		
• at DC	60 100 ms		
arcing time	10 15 ms		
control version of the switch operating mechanism	Standard A1 - A2		
Auxiliary circuit			
number of NC contacts for auxiliary contacts instantaneous contact	2		
number of NO contacts for auxiliary contacts instantaneous contact	2		
operational current at AC-12 maximum	10 A		
operational current at AC-15			
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	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			
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 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	361 A		
at 600 V rated value	382 A		
yielded mechanical performance [hp]			
• for 3-phase AC motor			
— at 200/208 V rated value	125 hp		
— at 220/230 V rated value	150 hp		
— at 460/480 V rated value	300 hp		
— at 575/600 V rated value	400 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: 400 A (690 V, 50 kA), BS88: 450 A (415 V, 50 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	160 mm 225 mm		

forwards upwards 10 mm 10 m	• for live parts	10 11111	
forwards	— downwards	10 mm	
- upwards 10 mm 10	•		
- downwards — at the side 10 mm at the side 10 mm type of electrical connection • for main current circuit Connection bar screw-type terminals • of auxiliary and control circuit screw-type terminals • of magnet coil Screw-type terminals width of connection bar Screw-type terminals width of connection bar 25 mm thickness of connection bar 6 mm diameter of holes 11 mm number of holes 11 mm number of holes 11 connectable conductor cross-section for main contacts • stranded 70 240 mm² connectable conductor cross-section for auxiliary contacts • solid or stranded 0.5 4 mm² • finely stranded with core end processing 0.5 2.5 mm² • for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) AWG number as coded connectable conductor cross section • for auxiliary contacts 18 14 afosty related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 • positi			
- at the side 10 mm protections/ Torminals type of electrical connection • for auxiliary and control circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil width of connection bar chickness of connection bar diameter of holes connectable conductor cross-section for main contacts • stranded connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - solid or strander - solid or strander - solid or strander - solid	·		
type of electrical connection • for main current circuit • for auxillary and control circuit • at contactor for auxillary contacts • of magnet coil width of connection bar screw-type terminals volume of holes connectable conductor cross-section for main contacts • stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded - finely stranded with core end processing • for auxillary contacts •			
A for main current circuit • for maxiliary and control circuit • at contactor for auxiliary contacts • at contactor for auxiliary contacts • of magnet coil A for auxiliary contacts • stranded • stranded • finely stranded with core end processing • for auxiliary contacts • for auxiliary contacts • for fawG cables for auxiliary contacts • for fawG cables for auxiliary contacts • for auxiliary contact		10 mm	
• for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil width of connection bar thickness of connectable conductor cross-section for main contacts • stranded connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts • for auxiliary contact			
• for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil of magnet coil of magnet coil screw-type terminals Screw-ty			
• at contactor for auxiliary contacts • of magnet coil width of connection bar diameter of holes number of holes 11 mm number of holes connectable conductor cross-section for main contacts • stranded connectable conductor cross-section for auxiliary contacts • stranded connectable conductor cross-section for auxiliary contacts • sid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts • for AWG cables for auxiliary contacts • for auxiliary contacts — finely stranded with core end processing • for auxiliary contacts AWG number as coded connectable conductor cross-section • for auxiliary contacts 18 14 afety related data product function • mirror contact according to IEC 60947-6-1 • positively driven operation according to IEC 60947-5-1 • positively driven operation according to IEC 60947-5-1 No suitability for use safety-related switching OFF 10 value with high demand rate according to IEC 60947-5-1 No suitability for use safety-related switching OFF 11 value for proof test interval or service life according to IEC 60529 Protection class IP on the front according to IEC 60529 Protection class IP on the front according to IEC 60529 Protection class IP on the front according to IEC 60529		Connection bar	
of magnet coil width of connection bar thickness of connection bar diameter of holes number of holes number of holes number of holes connectable conductor cross-section for main contacts • stranded connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing — solid or stranded — solid or stranded — solid or stranded — finely stranded with core end processing — for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts 18 14 after related data product function • mirror contact according to IEC 60947-6-1 • positively driven operation according to IEC 60947-5-1 • positively driven operation according to IEC 60947-5-1 • positively driven operation according to IEC 60947-5-1 17 value for proof test interval or service life according to IEC 60529 Protection class IP on the front according to IEC 60529 IPO0; IP20 with box terminal/cover	•	screw-type terminals	
width of connection bar thickness of connection bar diameter of holes number of holes number of holes connectable conductor cross-section for main contacts	 at contactor for auxiliary contacts 	Screw-type terminals	
thickness of connection bar diameter of holes number of holes 11 mm number of holes 20 connectable conductor cross-section for main contacts • stranded connectable conductor cross-section for auxiliary contacts • sloid or stranded • finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts — for inely stranded with core end processing • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross-section • for auxiliary contacts	of magnet coil	Screw-type terminals	
diameter of holes number of holes 1 connectable conductor cross-section for main contacts • stranded connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - solid or stranded - solid connectable conductor cross-sections • for auxiliary contacts - solid - solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 1x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 AWG number as coded connectable conductor cross section 1x	width of connection bar	25 mm	
number of holes connectable conductor cross-section for main contacts	thickness of connection bar	6 mm	
econnectable conductor cross-section for main contacts	diameter of holes	11 mm	
• stranded connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts 18 14 afoty related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No suitability for use safety-related switching OFF Yes Blot value with high demand rate according to SN 31920 T1 value for proof test interval or service life according to IEC 60529 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	number of holes	1	
econnectable conductor cross-section for auxiliary contacts	connectable conductor cross-section for main contacts		
• solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing — solid or stranded — finely stranded with core end processing — for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts • for auxiliary contacts 18 14 affety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 Suitability for use safety-related switching OFF B10 value with high demand rate according to IEC 60529 Protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	• stranded	70 240 mm²	
type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded with core end processing • for AWG cables for auxiliary contacts • for auxiliary contacts — finely stranded with core end processing • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts • for auxiliary contact • for auxiliary contacts	connectable conductor cross-section for auxiliary contacts		
type of connectable conductor cross-sections • for auxiliary contacts — solid — solid conductor cross-sections — solid conductor cross-sections — solid conductor cross-sections — solid conductor cross-section conductor cross-section conductor cross-section • for AWG cables for auxiliary contacts • for auxiliary conta	solid or stranded	0.5 4 mm ²	
 for auxiliary contacts — solid — solid — solid or stranded — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts 18 14 afety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No suitability for use safety-related switching OFF B10 value with high demand rate according to IEC 60529 Protection class IP on the front according to IEC 60529 IRON, IP20 with box terminal/cover 	 finely stranded with core end processing 	0.5 2.5 mm²	
- solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) - solid or stranded 2x (0.5 1,5 mm²), 2x (0.75 2,5 mm²), max. 2x (0.75 4 mm²) - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) • for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 1x 12 AWG number as coded connectable conductor cross section • for auxiliary contacts 18 14 afety related data product function • mirror contact according to IEC 60947-4-1 Yes • positively driven operation according to IEC 60947-5-1 No suitability for use safety-related switching OFF Yes B10 value with high demand rate according to SN 31920 1 000 000 T1 value for proof test interval or service life according to IEC 60529 IP00; IP20 with box terminal/cover	type of connectable conductor cross-sections		
— solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 suitability for use safety-related switching OFF B10 value with high demand rate according to IEC 60529 Protection class IP on the front according to IEC 60529 ■ 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 ■ 8 14 ■ 6 14 ■ 6 14 ■ 6 14 ■ 6 14 ■ 6 14 ■ 6 14 ■ 6 14 ■ 6 14 ■ 6 14 ■ 7	 for auxiliary contacts 		
— finely stranded with core end processing • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts • for auxiliary contacts 18 14 afety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 suitability for use safety-related switching OFF B10 value with high demand rate according to IEC 60947 1 value for proof test interval or service life according to IEC 60529 Protection class IP on the front according to IEC 60529 Contact 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 2x (20 16), 2x (18 14), 1x 12 1x (18 14) 1x (19 1	— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)	
• for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 Suitability for use safety-related switching OFF B10 value with high demand rate according to SN 31920 T1 value for proof test interval or service life according to IEC 60529 Protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	— solid or stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), max. 2x (0,75 4 mm²)	
AWG number as coded connectable conductor cross section • for auxiliary contacts 18 14 afety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No suitability for use safety-related switching OFF B10 value with high demand rate according to SN 31920 1 000 000 11 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
section • for auxiliary contacts 18 14 afety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No suitability for use safety-related switching OFF B10 value with high demand rate according to SN 31920 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14), 1x 12	
product function			
product function	for auxiliary contacts	18 14	
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 No suitability for use safety-related switching OFF B10 value with high demand rate according to SN 31920 1 000 000 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover 	afety related data		
● positively driven operation according to IEC 60947-5-1 suitability for use safety-related switching OFF B10 value with high demand rate according to SN 31920 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	product function		
suitability for use safety-related switching OFF B10 value with high demand rate according to SN 31920 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	 mirror contact according to IEC 60947-4-1 	Yes	
B10 value with high demand rate according to SN 31920 1 000 000 T1 value for proof test interval or service life according to IEC 61508 20 a protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	 positively driven operation according to IEC 60947-5-1 	No	
T1 value for proof test interval or service life according to IEC 61508 20 a Protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	suitability for use safety-related switching OFF	Yes	
protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover	B10 value with high demand rate according to SN 31920	1 000 000	
•	·	20 a	
touch protection on the front according to IEC 60529 finger-safe for vertical contact from the front with box terminal/cove	protection class IP on the front according to IEC 60529	IP00; IP20 with box terminal/cover	
ingor early, for voltage north are north war box terminarios to	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover	
	ertificates/ approvals		



Confirmation









Functional Safety/Safety of Ma- chinery Declaration of Conformity	Test Certificates
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Special Test Certificate

Type Test Certificates/Test Report

Miscellaneous

Marine / Shipping

other











Confirmation

other Railway

<u>Miscellaneous</u> <u>Confirmation</u> <u>Miscellaneous</u> <u>Vibration and Shock</u> <u>Special Test Certificate</u>

Further information

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

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

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

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

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1075-6AP36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1075-6AP36

 ${\bf Service \& Support\ (Manuals,\ Certificates,\ Characteristics,\ FAQs,...)}$

https://support.industry.siemens.com/cs/ww/en/ps/3RT1075-6AP36

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

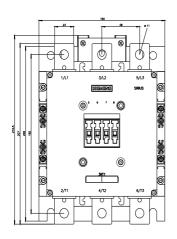
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1075-6AP36&lang=en

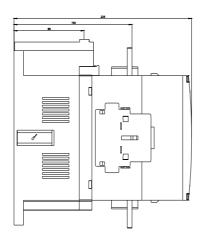
Characteristic: Tripping characteristics, I2t, Let-through current

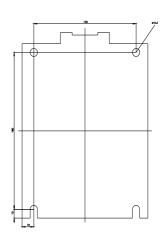
 $\underline{\text{https://support.industry.siemens.com/cs/ww/en/ps/3RT1075-6AP36/char}}$

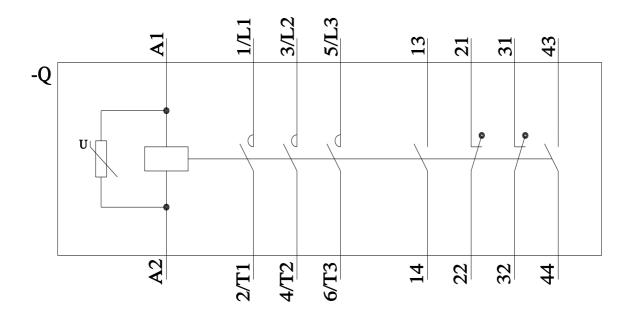
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1075-6AP36&objecttype=14&gridview=view1









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