3RT1055-6SF36-3PA0

Data sheet



power contactor, AC-3e/AC-3 150 A, 75 kW / 400 V AC (50-60 Hz) / DC Uc: 96-127 V x (0.8-1.1) F-PLC input 24 V DC 3-pole, auxiliary contacts 2 NO + 2 NC permanently mounted drive: electronic 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	S6
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 	27 W
 at AC in hot operating state per pole 	9 W
without load current share typical	2.8 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)	03/01/2017
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Perfluorbutansulfonsäure (PFBS) und ihre
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 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	1 000 V
• at AC-3e rated value maximum	1 000 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated value	185 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	185 A
— up to 690 V at ambient temperature 60 °C rated value	160 A
— up to 1000 V at ambient temperature 40 °C rated value	90 A
 up to 1000 V at ambient temperature 60 °C rated value at AC-3 	90 A
— at 400 V rated value	150 A
— at 500 V rated value	150 A
— at 690 V rated value	150 A
— at 1000 V rated value	65 A
• at AC-3e	
— at 400 V rated value	150 A
— at 500 V rated value	150 A
— at 690 V rated value	150 A
— at 1000 V rated value	65 A
• at AC-4 at 400 V rated value	132 A
• at AC-5a up to 690 V rated value	162 A
• at AC-5b up to 400 V rated value	124 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	150 A
— up to 400 V for current peak value n=20 rated value	150 A
— up to 500 V for current peak value n=20 rated value	150 A
— up to 690 V for current peak value n=20 rated value	150 A
 up to 1000 V for current peak value n=20 rated value 	65 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	105 A
— up to 400 V for current peak value n=30 rated value	105 A
— up to 500 V for current peak value n=30 rated value	105 A
— up to 690 V for current peak value n=30 rated value	105 A
— up to 1000 V for current peak value n=30 rated value	65 A
minimum cross-section in main circuit at maximum AC-1 rated value	95 mm²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	68 A
at 690 V rated value	57 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	160 A
— at 60 V rated value	160 A
— at 110 V rated value	18 A
— at 220 V rated value	3.4 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.5 A

 with 2 current paths in series at DC-1 	
— at 24 V rated value	160 A
— at 60 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	20 A
— at 440 V rated value	3.2 A
— at 600 V rated value	1.6 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	160 A
— at 60 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	160 A
— at 440 V rated value	11.5 A
— at 600 V rated value	4 A
at 1 current path at DC-3 at DC-5	
— at 24 V rated value	160 A
— at 60 V rated value	7.5 A
— at 110 V rated value	2.5 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.17 A
— at 600 V rated value	0.12 A
with 2 current paths in series at DC-3 at DC-5	
— at 24 V rated value	160 A
— at 60 V rated value	160 A
— at 110 V rated value	160 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	400.4
— at 24 V rated value	160 A
— at 60 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	160 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	75 IAM
• at AC-2 at 400 V rated value	75 kW
• at AC-3	AE DAN
— at 230 V rated value— at 400 V rated value	45 kW
	75 kW
— at 500 V rated value— at 690 V rated value	90 kW 132 kW
— at 1000 V rated value	90 kW
— at 230 V rated value	45 kW
— at 400 V rated value	75 kW
— at 500 V rated value	90 kW
— at 690 V rated value	132 kW
— at 1000 V rated value	90 kW
operating power for approx. 200000 operating cycles at AC-	30 RVV
4	
at 400 V rated value	38 kW
• at 690 V rated value	55 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	60 000 kVA
• up to 400 V for current peak value n=20 rated value	100 000 VA
• up to 500 V for current peak value n=20 rated value	130 000 VA
• up to 690 V for current peak value n=20 rated value	170 000 VA
• up to 1000 V for current peak value n=20 rated value	110 000 VA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	40 000 VA

• up to 400 V for current peak value n=30 rated value	70 000 VA
 up to 500 V for current peak value n=30 rated value 	90 000 VA
 up to 690 V for current peak value n=30 rated value 	120 000 VA
• up to 1000 V for current peak value n=30 rated value	110 000 VA
short-time withstand current in cold operating state up to 40 $^{\circ}\text{C}$	
 limited to 1 s switching at zero current maximum 	2 727 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	1 831 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	1 300 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	850 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	703 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	750 1/h
at AC-2 maximum	300 1/h
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
at AC-4 maximum	130 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
• at 50 Hz rated value	96 127 V
at 60 Hz rated value	96 127 V
control supply voltage at DC	
rated value	96 127 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	
● at 50 Hz	0.8 1.1
● at 60 Hz	0.8 1.1
type of PLC-control input according to IEC 60947-1	Type 1
consumed current at PLC-control input according to IEC 60947-1 maximum	14 mA
voltage at PLC-control input rated value	24 V
operating range factor of the voltage at PLC-control input	0.8 1.1
design of the surge suppressor	with varistor
apparent pick-up power	
at minimum rated control supply voltage at AC	
— at 50 Hz	190 VA
— at 60 Hz	190 VA
at maximum rated control supply voltage at AC	
— at 60 Hz	280 VA
— at 50 Hz	280 VA
apparent pick-up power of magnet coil at AC	200 1/4
• at 50 Hz	280 VA
at 60 Hz industive power factor with closing power of the call.	280 VA
inductive power factor with closing power of the coil • at 50 Hz	0.8
• at 60 Hz	0.8
apparent holding power	V.U
at minimum rated control supply voltage at DC	2.1 VA
at maximum rated control supply voltage at DC at maximum rated control supply voltage at DC	2.8 VA
apparent holding power	2.0 7/1
at minimum rated control supply voltage at AC	
— at 50 Hz	3.5 VA
— at 50 Hz	3.5 VA
at maximum rated control supply voltage at AC	
at maximum rated control supply voltage at AC	

at 50 Hz		
apparent holding power of magnet coil at AC	— at 50 Hz	4.8 VA
# at 50 Hz	— at 60 Hz	4.8 VA
• al 50 Hz	apparent holding power of magnet coil at AC	
Inductive power factor with the holding power of the coll	● at 50 Hz	4.8 VA
	• at 60 Hz	4.8 VA
e. at 0.0 kz	inductive power factor with the holding power of the coil	
Coloning prover of magnet coil at DC	● at 50 Hz	0.6
holding power of magnet coil at DC	● at 60 Hz	0.6
Indiang power of magnet coil at DC 2.8 W Closing delay at AC 60 75 ms 60 75	closing power of magnet coil at DC	320 W
Closing delay		2.8 W
		60 75 ms
opening delay at AC at DC 115 130 ms 2 s recovery time after power failure typical 2 s control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact number of NC contacts for auxiliary contacts instantaneous contact number of NC contacts for auxiliary contacts instantaneous 2 contact operational current at AC-12 maximum 10 A operational current at AC-12 maximum 10 A operational current at AC-18 maximum operational current at DC-19 maximum operational current at DC-19 maximum operational current at DC-12 at 24 V rated value at 500 V rated value at 48 V rated value at 48 V rated value at 25 V rated value at 25 V rated value at 26 M rated value at 26 M rated value at 27 M rated value at 28 M rated value at 28 M rated value at 29 M rated value at 20 V rated value at 48 V rated value at 49 V rated value at 49 V rated value at 40 V rated value at 50 V rated value at 60 V rated value a		
* at AC	opening delay	
e at DC		115 130 ms
Tecovery time after power failure typical arcing time		
arcing time		
Control version of the switch operating mechanism		
Number of NC contacts for auxiliary contacts instantaneous		
Dumber of NC contacts for auxiliary contacts instantaneous contact		ran oalo i Lo input (i i Lo iiv)
contact contacts contact contacts contacts contact contacts contacts contact contacts contacts contacts contact contacts contact contacts contact contacts contact contacts contact contacts contact contact contacts contact contact contact contact contacts co		2
number of NO contacts for auxiliary contacts instantaneous contact	•	2
Deprational current at AC-12 maximum 10 A		2
Operational current at AC-15		
	operational current at AC-12 maximum	10 A
	operational current at AC-15	
	 at 230 V rated value 	6 A
• at 690 V rated value	 at 400 V rated value 	3 A
Operational current at DC-12	at 500 V rated value	2 A
	• at 690 V rated value	1 A
• at 48 V rated value • at 60 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 48 V rated value • at 110 V rated value • at 110 V rated value • at 110 V rated value • at 1220 V rated value • at 220 V rated value • at 250 V rated value • at 2600 V rated value • at 3600 V rated value • at 4800 V rated value • at 4800 V rated value • at 200 V rated value • at 200 V rated value • at 200 V rated value • at 3600 V rated value • at 4800 V rated value • at 480 V rated value • 50 hp • at 200/208 V rated value • 60 hp • at 200/200 V rated value • 60 hp • at 575/600 V rated value • 150 hp contact rating of auxiliary contacts according to UL A600 / P600	operational current at DC-12	
• at 60 V rated value	at 24 V rated value	10 A
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 onerational current at DC-13 onerational current at DC-13 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 125 V rated value at 20 V rated value at 3600 V rated value at 480 V rated value at 560 V rated value at 57 sh600 V rated value at 480 V rated value at 57 sh600 V rated value at 50 sh 70	at 48 V rated value	6 A
	at 60 V rated value	6 A
• at 220 V rated value	at 110 V rated value	3 A
• at 220 V rated value	at 125 V rated value	2 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 11 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 156 A • at 600 V rated value 144 A yielded mechanical performance [hp] • for single-phase AC motor		
Operational current at DC-13 • 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 110 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 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value for single-phase AC motor at 230 V rated value for single-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for 3-phase AC motor at 200/208 V rated value for hp at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600 	operational current at DC-13	
 at 48 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 800 V rated value at 800 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 200 V rated value at 25 hp at 575/600 V rated value at 50 hp contact rating of auxiliary contacts according to UL 	•	10 A
 at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value for single-phase AC motor at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value bp at 575/600 V rated value at 50 hp at 575/600 V rated value contact rating of auxiliary contacts according to UL 		
 at 125 V rated value at 220 V rated value at 600 V rated value at 480 V rated value at 600 V rated value at 600 V rated value for single-phase AC motor at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 55 hp at 575/600 V rated value at 50 hp contact rating of auxiliary contacts according to UL 		
at 220 V rated value 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 156 A at 600 V rated value 144 A yielded mechanical performance [hp] for single-phase AC motor - at 230 V rated value 30 hp for 3-phase AC motor - at 200/208 V rated value 50 hp - at 220/230 V rated value 60 hp - at 460/480 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		
at 600 V rated value 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 at 600 V rated value 144 A yielded mechanical performance [hp] for single-phase AC motor at 230 V rated value 50 hp at 200/208 V rated value 50 hp at 220/230 V rated value 60 hp at 460/480 V rated value 150 hp at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		
contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) LL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 144 A yielded mechanical performance [hp] • for single-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 144 A yielded mechanical performance [hp] • for single-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value tontact rating of auxiliary contacts according to UL A600 / P600		
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 144 A yielded mechanical performance [hp] • for single-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value tontact rating of auxiliary contacts according to UL 156 A 156 A 156 A 157 A 158 A 159 A 169 A		Tradity Switching per 100 million (17 V, 1 mA)
 at 480 V rated value at 600 V rated value 144 A yielded mechanical performance [hp] for single-phase AC motor — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value to hp contact rating of auxiliary contacts according to UL A600 / P600 		
at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value tontact rating of auxiliary contacts according to UL 144 A		450 A
yielded mechanical performance [hp] ● for single-phase AC motor — at 230 V rated value 30 hp ● for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		
 for single-phase AC motor — at 230 V rated value 30 hp for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600 		144 A
— at 230 V rated value 30 hp ● for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		
● for 3-phase AC motor — at 200/208 V rated value 50 hp — at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		20.1
- at 200/208 V rated value 50 hp - at 220/230 V rated value 60 hp - at 460/480 V rated value 125 hp - at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		30 np
— at 220/230 V rated value 60 hp — at 460/480 V rated value 125 hp — at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600	·	
- at 460/480 V rated value 125 hp - at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		
— at 575/600 V rated value 150 hp contact rating of auxiliary contacts according to UL A600 / P600		
contact rating of auxiliary contacts according to UL A600 / P600	— at 460/480 V rated value	125 hp
• • •	— at 575/600 V rated value	150 hp
Short-circuit protection	contact rating of auxiliary contacts according to UL	A600 / P600
	Short-circuit protection	

design of the fuse link	
• for short-circuit protection of the main circuit	
 — with type of coordination 1 required 	gG: 355 A (690 V, 100 kA)
— with type of assignment 2 required	gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 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	172 mm
width	120 mm
depth	170 mm
required spacing	
with side-by-side mounting	
— forwards	20 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
for grounded parts	
— forwards	20 mm
— upwards	10 mm
— at the side	10 mm
— downwards	10 mm
for live parts	10 111111
— 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
for auxiliary and control circuit	screw-type terminals
at contactor for auxiliary contacts	Screw-type terminals
of magnet coil	Screw-type terminals
width of connection bar	17 mm
thickness of connection bar	3 mm
diameter of holes	9 mm
number of holes	1
connectable conductor cross-section for main contacts	
• stranded	25 120 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
type of connectable conductor cross-sections	
• for auxiliary contacts	
— 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)
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
Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes
• positively driven operation according to IEC 60947-5-1	No
safety device type according to IEC 61508-2	Type B
suitability for use safety-related switching OFF	Yes
B10 value with high demand rate according to SN 31920	1 000 000
0	

Safety Integrity Level (SIL) according to IEC 61508	2
SIL Claim Limit (subsystem) according to EN 62061	2
performance level (PL) according to EN ISO 13849-1	С
category according to EN ISO 13849-1	2
stop category according to EN 60204-1	0
PFHD with high demand rate according to EN 62061	4.5E-7 1/h
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Safe failure fraction (SFF)	93 %
PFDavg with low demand rate according to IEC 61508	0.007
MTBF	75 a
hardware fault tolerance according to IEC 61508	0
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
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover
Contification	

Certificates/ approvals

General Product Approval





Confirmation



<u>KC</u>



Functional

EMC Safety/Safety of Machinery

Declaration of Conformity
Test Certificates



Type Examination Certificate





Type Test Certificates/Test Report

Special Test Certificate

other Railway

<u>Confirmation</u> <u>Miscellaneous</u> <u>Miscellaneous</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=3RT1055-6SF36-3PA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1055-6SF36-3PA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1055-6SF36-3PA0

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

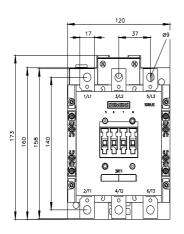
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1055-6SF36-3PA0&lang=en

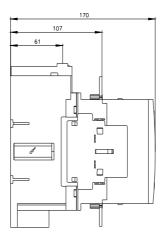
Characteristic: Tripping characteristics, I²t, Let-through current

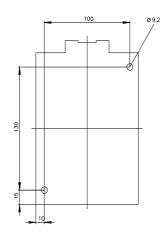
https://support.industry.siemens.com/cs/ww/en/ps/3RT1055-6SF36-3PA0/cha

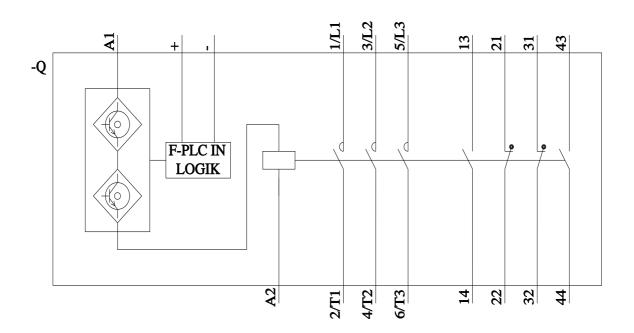
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1055-6SF36-3PA0&objecttype=14&gridview=view1









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Siemens:

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