SIEMENS

Data sheet 3RT1275-6NP36



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

product brand name	SIRIUS
product designation	Vacuum contactor
product type designation	3RT12
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 	63 W
 at AC in hot operating state per pole 	21 W
 without load current share typical 	3.6 W
type of calculation of power loss depending on pole	quadratic
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	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
Weight	10.352 kg
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	

during operation	-25 +60 °C
during eperation 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	610 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	610 A
— up to 690 V at ambient temperature 60 °C rated value	550 A
— up to 1000 V at ambient temperature 40 °C rated value	610 A
 up to 1000 V at ambient temperature 60 °C rated value at AC-3 	550 A
— 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	400 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
— at 1000 V rated value	400 A
• at AC-4 at 400 V rated value	350 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	400 A
— up to 400 V for current peak value n=20 rated value	400 A
— up to 500 V for current peak value n=20 rated value	400 A
 up to 690 V for current peak value n=20 rated value 	400 A
 up to 1000 V for current peak value n=20 rated value 	400 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	293 A
— up to 400 V for current peak value n=30 rated value	293 A
 up to 500 V for current peak value n=30 rated value 	293 A
— up to 690 V for current peak value n=30 rated value	293 A
— up to 1000 V for current peak value n=30 rated value	293 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	175 A
operating power	
at AC-3— at 230 V rated value	132 kW
— at 230 V rated value — at 400 V rated value	200 kW
— at 400 V rated value — at 500 V rated value	250 kW
— at 500 V rated value — at 690 V rated value	400 kW
— at 1000 V rated value	560 kW
at AC-3e	OOU NAA
— at 230 V rated value	132 kW
— at 400 V rated value	200 kW
— at 400 v rated value	ZUU NVV

-1 F00 V !	OFO IAM
— at 500 V rated value	250 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	560 kW
operating power for approx. 200000 operating cycles at AC-	
at 400 V rated value	98 kW
at 690 V rated value	172 kW
	17 Z KVV
operating apparent power at AC-6a	45013/4
• up to 230 V for current peak value n=20 rated value	150 kVA
• up to 400 V for current peak value n=20 rated value	270 kVA
• up to 500 V for current peak value n=20 rated value	340 kVA
 up to 690 V for current peak value n=20 rated value 	470 kVA
up to 1000 V for current peak value n=20 rated value	690 kVA
operating apparent power at AC-6a	
 up to 230 V for current peak value n=30 rated value 	110 kVA
 up to 400 V for current peak value n=30 rated value 	200 kVA
 up to 500 V for current peak value n=30 rated value 	250 kVA
 up to 690 V for current peak value n=30 rated value 	350 kVA
• up to 1000 V for current peak value n=30 rated value	500 kVA
no-load switching frequency	
• at AC	1 000 1/h
• at DC	1 000 1/h
operating frequency	
• at AC-1 maximum	700 1/h
• at AC-2 maximum	250 1/h
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
• at AC-4 maximum	250 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
control supply voltage at AC • at 50 Hz rated value	200 277 V
at 50 Hz rated value	200 277 V 200 - 277 V
at 50 Hz rated value at 60 Hz rated value	200 277 V
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	
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
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 0.8
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
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
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 0.8 1.1
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	200 277 V 200 277 V 0.8 1.1
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	200 277 V 200 277 V 0.8 1.1
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	200 277 V 200 277 V 0.8 1.1 0.8 1.1 0.8 1.1 Type 2
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 0.8 1.1 0.8 1.1 0.8 1.1 Type 2
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 0.8 1.1 0.8 1.1 0.8 1.1 Type 2 20 mA
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 0.8 1.1 0.8 1.1 0.8 1.1 Type 2 20 mA
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 0.8 1.1 0.8 1.1 0.8 1.1 Type 2 20 mA 24 V 0.8 1.1
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 0.8 1.1 0.8 1.1 0.8 1.1 Type 2 20 mA 24 V 0.8 1.1
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
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 0.8 1.1 0.8 1.1 0.8 1.1 Type 2 20 mA 24 V 0.8 1.1 with varistor
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
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 50 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
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 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 560 VA 560 VA
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 60 Hz at 50 Hz at 50 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
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 50 Hz at 50 Hz at 50 Hz at 50 Hz apparent pick-up power of magnet coil at AC	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 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 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz apparent pick-up power of magnet coil at AC	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 560 VA 560 VA 750 VA
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 50 Hz at 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz apparent pick-up power of magnet coil 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 560 VA 560 VA 750 VA
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 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz	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 750 VA
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 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz	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 750 VA 750 VA
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 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz	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 750 VA

 at minimum rated control supply voltage at DC 	3 VA
at maximum rated control supply voltage at DC	3.6 VA
apparent holding power	
 at minimum rated control supply voltage at AC 	
— at 50 Hz	5.6 VA
— at 60 Hz	5.6 VA
 at maximum rated control supply voltage 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	0.5
● 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
• at DC	80 100 ms
arcing time	10 15 ms
control version of the switch operating mechanism	PLC-IN or Standard A1 - A2 (adjustable)
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 miniature circuit breaker for short-circuit protection	C characteristic: 10 A; 0.4 kA
of the auxiliary circuit up to 230 V	
design of the fuse link	
 for short-circuit protection of the main circuit 	
 — with type of coordination 1 required 	gG: 800 A (690 V, 100 kA)
— with type of assignment 2 required	gG: 800 A (690 V, 50 kA), aM: 630 A (690 V, 50 kA), BS88: 800 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	+/-22,5° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method side-by-side mounting	Yes
fastening method	screw fixing
height	217 mm
width	160 mm
depth	225 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	
— 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	25 mm
thickness of connection bar	6 mm
diameter of holes	11 mm
number of holes	1
type of connectable conductor cross-sections	
• for AWG cables for main contacts	2/0 500 kcmil
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
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)
Solid of stranded 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	2A (20 10), 2A (10 17), 1A 12
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

 Electrical Safety

 protection class IP on the front according to IEC 60529

 touch protection on the front according to IEC 60529

Approvals Certificates

General Product Approval

No

IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover

EMV













Functional Saftey

Test Certificates

Marine / Shipping

Type Examination Certificate Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other

Railway





Confirmation

Miscellaneous

Confirmation

Special Test Certificate

Environment

Environmental Confirmations

Further information

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=3RT1275-6NP36

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT1275-6NP36} \\$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1275-6NP36

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

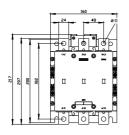
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1275-6NP36&lang=en

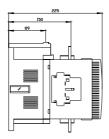
Characteristic: Tripping characteristics, I²t, Let-through current

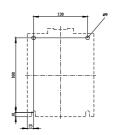
https://support.industry.siemens.com/cs/ww/en/ps/3RT1275-6NP36/char

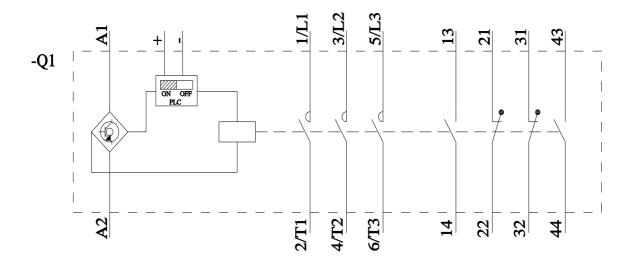
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1275-6NP36&objecttype=14&gridview=view1









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