SIEMENS

Data sheet 3RT2026-1AP60

CONTACTOR, AC-3, 11KW/400V, 1NO+1NC, AC 220V 50HZ, 240V 60HZ 3-POLE, SZ SO SCREW TERMINAL



Product brand name	SIRIUS
Product designation	Power contactor
Product type designation	3RT2

General technical data	
Size of contactor	S0
Product extension	
 function module for communication 	No
Auxiliary switch	Yes
Insulation voltage	
• rated value	690 V
Surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
 between coil and main contacts acc. to EN 	400 V
60947-1	
Protection class IP	
• on the front	IP20
• of the terminal	IP20
Shock resistance at rectangular impulse	
• at AC	8,3g / 5 ms, 5,3g / 10 ms

Charle registeres with sine mules	
Shock resistance with sine pulse	12 Fg / F mg 9 2g / 10 mg
• at AC	13,5g / 5 ms, 8,3g / 10 ms
Mechanical service life (switching cycles)	10 000 000
of contactor typical of the contactor with added electronics	5 000 000
 of the contactor with added electronics- compatible auxiliary switch block typical 	3 000 000
 of the contactor with added auxiliary switch block typical 	10 000 000
Equipment marking	
 acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 	κ
● acc. to DIN EN 61346-2	Q
Ambient conditions	
Installation altitude at height above sea level	
• maximum	2 000 m
Ambient temperature	05
during operation	-25 +60 °C
during storage	-55 +80 °C
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	690 V
Operating current	
● at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	40 A
• at AC-1	
 up to 690 V at ambient temperature 40 °C rated value 	40 A
 up to 690 V at ambient temperature 60 °C rated value 	35 A
• at AC-2 at 400 V rated value	25 A
• at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
Connectable conductor cross-section in main circuit at AC-1	
• at 60 °C minimum permissible	10 mm²
• at 40 °C minimum permissible	10 mm²
Operating current for approx. 200000 operating cycles at AC-4	

 at 400 V rated value 	9 A
• at 690 V rated value	9 A
Operating current	
• at 1 current path at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
• with 3 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
Operating current	
• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	20 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.09 A
— at 600 V rated value	0.06 A
• with 2 current paths in series at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
• with 3 current paths in series at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A

	• at AC-1	
= at 400 V rated value	— at 230 V rated value	13.3 kW
= at 400 V at 60 °C rated value	— at 230 V at 60 °C rated value	13.3 kW
= at 690 V rated value	— at 400 V rated value	23 kW
- at 690 V at 60 °C rated value 40 kW • at AC-2 at 400 V rated value 11 kW • at AC-3 — at 230 V rated value 5.5 kW — at 400 V rated value 11 kW — at 500 V rated value 11 kW — at 690 V rated value 11 kW — at 690 V rated value 11 kW Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 4.4 kW • at 690 V rated value 7.7 kW Thermal short-time current limited to 10 s 200 A Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC Operating frequency • at AC-1 maximum 1000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h Control supply voltage at AC • at 50 Hz rated value 220 V • at 60 Hz rated value 220 V • at 60 Hz rated value 240 V Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz 80 Hz 80 Hz 81 VA • at 60 Hz 79 VA Inductive power factor with closing power of the coil • at 50 Hz 72 Inductive power factor with closing power of the coil • at 50 Hz 72 Inductive power factor with closing power of the coil • at 50 Hz 79 VA	— at 400 V at 60 °C rated value	23 kW
• at AC-2 at 400 V rated value • at AC-3 — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 500 V rated value — at 690 V rated value — at 690 V rated value — at 400 V rated value — at 690 V rated value — at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency — at AC — at AC-1 maximum — at AC-2 maximum — at AC-2 maximum — at AC-3 maximum — at AC-3 maximum — at AC-4 maximum — at 60 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 60 Hz — at	— at 690 V rated value	40 kW
• at AC-3 — at 230 V rated value — at 500 V rated value — at 500 V rated value — at 500 V rated value — at 690 V rated value — at 690 V rated value 11 kW Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 690 V rated value 7.7 kW Themal short-lime current limited to 10 s Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 750 1/h • at AC-4 maximum 250 1/h Control curouit/ Control Type of voltage of the control supply voltage Control supply voltage at AC • at 50 Hz rated value • at 50 Hz • at 60 Hz • at 60 Hz • at 60 Hz • at 50 Hz • at 60 Hz • at 50 Hz • at 50 Hz 81 V-A 73 V-A Inductive power factor with closing power of the coil • at 50 Hz 0.72	— at 690 V at 60 °C rated value	40 kW
- at 230 V rated value	● at AC-2 at 400 V rated value	11 kW
	• at AC-3	
at 500 V rated value at 690 V rated value 11 kW Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 7.7 kW Themal short-time current limited to 10 s 200 A Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC Operating frequency • at AC-1 maximum 1 000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage AC Control supply voltage at AC • at 50 Hz rated value 240 V Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz	— at 230 V rated value	5.5 kW
— at 690 V rated value Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 690 V rated value 7.7 kW Thermal short-time current limited to 10 s Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC 1.6 W The maximum 1 000 1/h 2 00 1/h 2 0	— at 400 V rated value	11 kW
Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value 7.7 kW Thermal short-time current limited to 10 s Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC • at AC-1 maximum 1 000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum • at AC-4 maximum 750 1/h • at AC-4 maximum 250 1/h Control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of factor with closing power of the coil • at 50 Hz • at 60 Hz 10.72	— at 500 V rated value	11 kW
at AC-4 • at 400 V rated value • at 690 V rated value 7.7 kW Thermal short-time current limited to 10 s Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC Operating frequency • at AC-1 maximum 1 000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum • at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of the coil • at 50 Hz • at 60 Hz Inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz O,72	— at 690 V rated value	11 kW
at 400 V rated value at 690 V rated value 7.7 kW Thermal short-time current limited to 10 s Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency at AC Operating frequency at AC-2 maximum 1 000 1/h at AC-2 maximum 750 1/h at AC-3 maximum 750 1/h at AC-3 maximum 750 1/h at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage AC Control supply voltage at AC at 50 Hz rated value At 60 Hz rated value At 50 Hz at 60 Hz	Operating power for approx. 200000 operating cycles	
• at 690 V rated value Thermal short-time current limited to 10 s Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC Operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum • at AC-4 maximum Too 1/h • at AC-4 maximum Too 1/h • at AC-4 maximum Too 1/h • at AC-5 maximum Too 1/h • at AC-6 maximum Too 1/h • at AC-7 maximum Too 1/h • at AC-8 maximum Too 1/h • at AC-9 maximum Too 1/h • at AC-9 maximum Too 1/h • at AC-1 maximum Too 1/h • at AC-1 maximum Too 1/h • at AC-1 maximum Too 1/h • at AC-2 maximum Too 1/h • at AC-3 maximum Too 1/h • at AC-4 maximum Too 1/h • at AC-4 maximum Too 1/h • at AC-2 maximum Too 1/h • at AC-2 maximum Too 1/h • at AC-3 maximum Too 1/h • at AC-4 maximum Too 1/h • at AC-2 maximum Too 1/h • at AC-3 maximum Too 1/h • at AC-2 maximum Too 1/h • at AC-2 maximum Too 1/h • at AC-3 maximum Too 1/h • at AC-2 maximum Too 1/h Too 1	at AC-4	
Thermal short-time current limited to 10 s Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC Operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum • at AC-4 maximum • at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage Control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Once the coil • at 50 Hz • at 50 Hz • at 50 Hz • at 60 Hz Once the coil • at 50 Hz • at 50 Hz • at 50 Hz • at 50 Hz • at 60 Hz Once the coil • at 50 Hz • at 50 Hz • at 50 Hz • at 50 Hz • at 60 Hz Once the coil • at 50 Hz • at 50	• at 400 V rated value	4.4 kW
Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency • at AC 5 000 1/h Operating frequency • at AC-1 maximum 1 000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage Control supply voltage at AC • at 50 Hz rated value 220 V • at 60 Hz rated value 240 V Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 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 • at 60 Hz O.72	• at 690 V rated value	7.7 kW
the operating current per conductor No-load switching frequency • at AC Operating frequency • at AC-1 maximum 1 000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage Control supply voltage at AC • at 50 Hz rated value 240 V Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power factor with closing power of the coil • at 50 Hz • at 50 Hz • at 50 Hz O.72		
• at AC Operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-4 maximum • at AC-4 maximum • at AC-4 maximum Too 1/h • at AC-4 maximum Control circuit/ Control Type of voltage of the control supply voltage Control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value 220 V • at 60 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 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 • at 50 Hz • at 60 Hz O.72		1.6 W
Operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum Control circuit/ Control Type of voltage of the control supply voltage Control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value • at 50 Hz • at 50 Hz • at 50 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz Operating range factor control supply voltage rated value of the coil operation o	No-load switching frequency	
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at AC-2 maximum at AC-3 maximum at AC-4 maximum at AC-4 maximum at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage AC Control supply voltage at AC at 50 Hz rated value at 60 Hz rated value at 60 Hz Control supply voltage rated value at 50 Hz at 60 Hz Apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz Apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz Apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz Apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz Apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz O.72	Operating frequency	
at AC-3 maximum at AC-4 maximum 250 1/h Control circuit/ Control Type of voltage of the control supply voltage AC Control supply voltage at AC at 50 Hz rated value at 60 Hz rated value Coperating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz AC Operating range factor control supply voltage rated value of magnet coil at AC at 50 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 0.72	● at AC-1 maximum	1 000 1/h
at AC-4 maximum Control circuit/ Control Type of voltage of the control supply voltage AC Control supply voltage at AC at 50 Hz rated value at 60 Hz rated value Coperating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz At 60 Hz 81 V-A at 60 Hz Inductive power factor with closing power of the coil at 50 Hz 0.72	• at AC-2 maximum	750 1/h
Control circuit/ Control Type of voltage of the control supply voltage AC Control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz No.8 1.1 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 • at 50 Hz 0.72	at AC-3 maximum	750 1/h
Type of voltage of the control supply voltage Control supply voltage at AC at 50 Hz rated value 220 V at 60 Hz rated value 240 V Operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz O.8 1.1 Apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz 81 V·A at 60 Hz Inductive power factor with closing power of the coil at 50 Hz o.72	• at AC-4 maximum	250 1/h
Control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value 220 V 240 V Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz 81 V·A 79 V·A Inductive power factor with closing power of the coil • at 50 Hz • at 50 Hz 0.72		
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at 60 Hz rated value Operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz Apparent pick-up power of magnet coil at AC at 50 Hz at 60 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 at 50 Hz O.72		000 17
Operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz 81 V·A • at 60 Hz Inductive power factor with closing power of the coil • at 50 Hz • at 50 Hz • at 50 Hz • at 50 Hz O.72		
value of magnet coil at AC • at 50 Hz • at 60 Hz Apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz 81 V·A • at 60 Hz Inductive power factor with closing power of the coil • at 50 Hz • at 50 Hz 0.8 1.1 81 V·A 79 V·A		240 V
at 60 Hz Apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz 81 V·A 79 V·A Inductive power factor with closing power of the coil at 50 Hz 0.8 1.1 81 V·A 79 V·A		
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 0.72	● at 50 Hz	0.8 1.1
 at 50 Hz at 60 Hz 81 V·A 79 V·A Inductive power factor with closing power of the coil at 50 Hz 0.72 	● at 60 Hz	0.8 1.1
at 60 Hz Inductive power factor with closing power of the coil at 50 Hz 0.72	Apparent pick-up power of magnet coil at AC	
Inductive power factor with closing power of the coil ● at 50 Hz 0.72	● at 50 Hz	
● at 50 Hz 0.72	● at 60 Hz	79 V·A
	Inductive power factor with closing power of the coil	
• at 60 Hz 0.74	● at 50 Hz	
	● at 60 Hz	0.74

Apparent holding power of magnet coil at AC	
• at 50 Hz	10.5 V·A
● at 60 Hz	8.5 V·A
Inductive power factor with the holding power of the coil	
● at 50 Hz	0.25
● at 60 Hz	0.28
Closing delay	
• at AC	8 40 ms
Opening delay	
• at AC	4 16 ms
Arcing time	10 10 ms
Control version of the switch operating mechanism	Standard A1 - A2
Residual current of the electronics for control with signal <0>	
• at AC at 230 V maximum permissible	7 mA
 at DC at 24 V maximum permissible 	16 mA

Auxiliary circuit	
Number of NC contacts	
● for auxiliary contacts	
 instantaneous contact 	1
Number of NO contacts	
● for auxiliary contacts	
instantaneous contact	1
Operating current at AC-12 maximum	10 A
Operating current at AC-15	
• at 230 V rated value	10 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
• at 690 V rated value	1 A
Operating 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
Operating 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 three-phase AC motor	
• at 480 V rated value	21 A
• at 600 V rated value	22 A
Yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	2 hp
— at 230 V rated value	3 hp
 for three-phase AC motor 	
— at 200/208 V rated value	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp
— at 575/600 V rated value	20 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

— with type of assignment 2 required

• for short-circuit protection of the auxiliary switch required

gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 100 A gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A

fuse gG: 10 A

nstallation/ mounting/ dimensions	
Mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
 Side-by-side mounting 	Yes
Height	85 mm
Width	45 mm
Depth	97 mm
Required spacing	
• for grounded parts	
— at the side	6 mm
• for live parts	
— at the side	6 mm

Connections/Terminals	
Type of electrical connection	
• for main current circuit	screw-type terminals
 for auxiliary and control current circuit 	screw-type terminals
Type of connectable conductor cross-sections	
• for main contacts	
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
 single or multi-stranded 	2x (1 2,5 mm²), 2x (2,5 10 mm²)
 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
 at AWG conductors for main contacts 	2x (16 12), 2x (14 8)
Connectable conductor cross-section for main	
contacts	
• solid	1 10 mm²
• stranded	1 10 mm²
Type of connectable conductor cross-sections	
 for auxiliary contacts 	
— single or multi-stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
at AWG conductors for auxiliary contacts	2x (20 16), 2x (18 14)

Safety related data	
B10 value	
 with high demand rate acc. to SN 31920 	1 000 000
Proportion of dangerous failures	
 with low demand rate acc. to SN 31920 	40 %
 with high demand rate acc. to SN 31920 	73 %
Failure rate [FIT]	
 with low demand rate acc. to SN 31920 	100 FIT
Product function	
 Mirror contact acc. to IEC 60947-4-1 	Yes
T1 value for proof test interval or service life acc. to	20 y
IEC 61508	
Protection against electrical shock	finger-safe

Certificates/approvals

General Product Approval







KC





EMC

Functional
Safety/Safety
of Machinery

Declaration	0
Conformity	

Test Certificates

Marine / Shipping

Type Examination



Type Test
Certificates/Test
Report

Special Test Certificate





Marine / Shipping



GL



LRS









other

Confirmation



Further informatior

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

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2026-1AP60

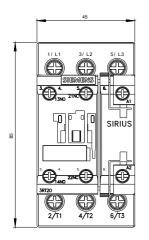
Cax online generator

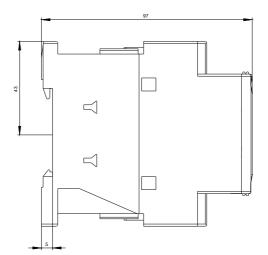
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-1AP60

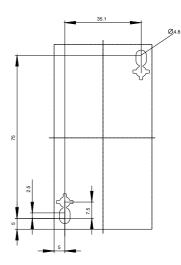
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

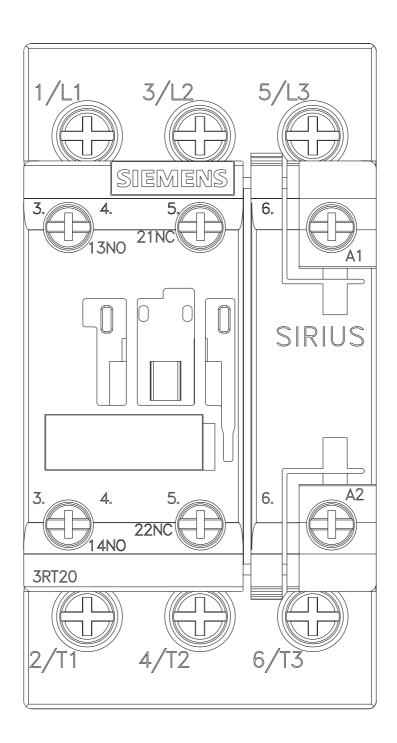
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-1AP60

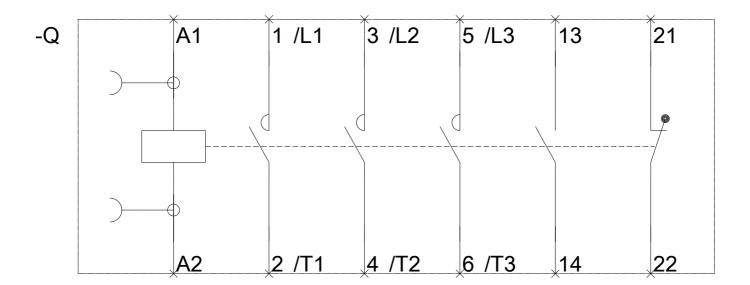
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2026-1AP60&lang=en











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