SIEMENS

Data sheet 3RT2636-1NF35



capacitor contactor, AC-6b 50 kVAr, / 400 V, 3-pole, 83-155 V AC/DC, 50/60 Hz, with integrated varistor, auxiliary contacts: 2 NC, screw terminal, size: S2 $\,$

product brand name SIRIUS product designation capacitor contactors product type designation 3RT26	
product type designation 3RT26	
General technical data	
size of contactor S2	
product extension auxiliary switch Yes	
insulation voltage	
• of main circuit with degree of pollution 3 rated value 690 V	
• of auxiliary circuit with degree of pollution 3 rated value 690 V	
surge voltage resistance	
of main circuit rated value 6 kV	
of auxiliary circuit rated value 6 kV	
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	
shock resistance at rectangular impulse	
• at AC 6.8g / 5 ms, 4g / 10 ms	
• at DC 6,8g / 5 ms, 4g / 10 ms	
shock resistance with sine pulse	
• at AC 10.6g / 5 ms, 6.2g / 10 ms	
• at DC 10,6g / 5 ms, 6,2g / 10 ms	
mechanical service life (operating cycles)	
• of the contactor with added auxiliary switch block typical 3 000 000	
electrical endurance (operating cycles) 200 000	
reference code according to IEC 81346-2 Q	
Substance Prohibitance (Date) 05/01/2014	
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	
Main circuit	
number of poles for main current circuit 3	
number of NO contacts for main contacts 3	
number of NC contacts for main contacts 0	
operational current at AC-6b at 690 V at ambient temperature 60 °C rated value 72.2 A	
operating reactive power at AC-6b	
• at 230 V at 50/60 Hz at ambient temperature 60 °C rated 10 29 kvar	

value	
 at 400 V at 50/60 Hz at ambient temperature 60 °C rated value 	17 50 kvar
 at 500 V at 50/60 Hz at ambient temperature 60 °C rated value 	21 63 kvar
at 690 V at 50/60 Hz at ambient temperature 60 °C rated value	29 86 kvar
no-load switching frequency	
• at AC	500 1/h
• at DC	500 1/h
operating frequency at AC-6b	333
• at 230 V maximum	100 1/h
• at 240 V maximum	100 1/h
• at 400 V maximum	100 1/h
• at 480 V maximum	60 1/h
• at 500 V maximum	55 1/h
• at 600 V maximum	40 1/h
• at 690 V maximum	30 1/h
Control circuit/ Control	
type of voltage	AC/DC
type of voltage type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
• at 50 Hz rated value	83 155 V
• at 60 Hz rated value	83 155 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage at DC	
• rated value	83 155 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
inrush current peak	12 A
duration of inrush current peak	20 µs
locked-rotor current mean value	1.3 A
locked-rotor current peak	3.1 A
duration of locked-rotor current	230 ms
holding current mean value	22 mA
apparent pick-up power of magnet coil at AC	110 VA
inductive power factor with closing power of the coil	0.95
apparent holding power of magnet coil at AC	2.5 VA
inductive power factor with the holding power of the coil	0.95
closing power of magnet coil at DC	70 W
holding power of magnet coil at DC	1.5 W
closing delay	
• at AC	30 110 ms
• at DC	30 110 ms
opening delay	
• at AC	30 55 ms
• at DC	30 55 ms
arcing time	10 20 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
number of No contacts for duxinary contacts	
attachable	1
-	

contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit with type of coordination 1 required • for short-circuit protection of the auxiliary switch required gG: 160 A (690 V, 50 kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions		
operational current of auxiliary contacts at AC-15 an aximum operational current of auxiliary contacts at AC-15 at 400 V	attachable	1
operational current of auxiliary contacts at AC-15 at 23 0 V at 660 V at 660 V certain accurrent of auxiliary contacts at DC-13 at 12 4 V at 110 V at 110 V at 125 V contact ratiality of auxiliary contacts ULCSEA ratings contact ratiality of auxiliary contacts ULCSEA ratings contact rating of auxiliary contacts design of the fuse link * for a phot-circuit protection of the main circuit with type of conditation in required contact rating of auxiliary contacts in the solid of conditation in required specified in the solid of conditation of auxiliary contacts a conditation in the solid of conditation consisted conductor cross-sections for main contacts a conditation in the solid of conditation cross-sections for main contacts a conditation in the solid of conditation cross-sections for main contacts b conditation in the solid of conditation cross-sections for main contacts a conditation in the solid of conditation cross-sections for main contacts a conditation in the solid of	instantaneous contact	0
### ### ### ### ### ### ### ### ### ##	operational current of auxiliary contacts at AC-12 maximum	10 A
• all 400 V • all 690 V • all 690 V • all 24 V • all 60 V • all 110 V • all 125 V • all 220 V • all 1155 V • all 220	operational current of auxiliary contacts at AC-15	
• 16 80 V	• at 230 V	6 A
a 2 2 4 6 6 7 2 8 8 8 8 8 8 8 8 8	● at 400 V	3 A
	• at 690 V	0 A
e it 0 V e it 125 V e it 126 V e it 126 V e it 127 V e it 127 V e it 128 V e	operational current of auxiliary contacts at DC-13	
at 110 V at 125 V at 125 V contact reliability of auxiliary contacts Contact rating of auxiliary contacts according to UL CSA ratings Contact rating of auxiliary contacts according to UL A600 / Q800 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination in Feutired foor short-circuit protection of the auxiliary switch required foor manufact parts at the side Connections/ Terminals type of connectable conductor cross-sections for main contacts for auxiliary contacts foor magnet coil foor short-circuit protection of the auxiliary contacts foor magnet coil foor short-circuit protection of the auxiliary contacts foor magnet coil foor auxiliary contacts foor magnet coil foor short-circuit protection of the auxiliary contacts foor auxiliary contacts foor magnet coil foor auxiliary contacts foor	• at 24 V	6 A
• nt 125 V	● at 60 V	2 A
• at 220 V • at 220 V • contact reliability of auxiliary contacts COURGES Partings Contact rating of auxiliary contacts according to UL A600 / 0800 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit with type of coordination in Fequired • for short-circuit protection of the main circuit with type of coordination in Fequired • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required protection of the function of the auxiliary switch required protection of the auxiliary switch required protection of the auxiliary switch required protection on the front according to IEC 60847-5-1 Available of the state of the stat	• at 110 V	1 A
Contact reliability of auxillary contacts according to UL A600 / C800 Short-circuit protection design of the fuse link For short-circuit protection of the main circuit with type of coordination 1 required 95:160 A (690 V. 50 kA) Installation mounting dimensions 4 (580° relation) 4 (580° relation) mounting position 4 (580° relation) 4 (580° V. 50 kA) fastoning method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 500022 leight 114 mm 65 mm depth 130 mm 100 mm required spacing 100 mm 100 mm e for grounded parts at the side 100 mm 100 mm Connections if reminals screw-type terminals screw-type terminals e for main current circuit screw-type terminals screw-type terminals e of major coil 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 50 mm²) e of major coil 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 2x 4 mm² e of major coil 2x (2 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 2x (2 55 mm²), 2x 4 mm² e of or auxiliary contacts 2x (0.5 1.5 mm	● at 125 V	0.9 A
contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link	• at 220 V	0.3 A
Short-circuit protection design of the fuse link of or short-circuit protection of the main circuit with type of coordination of required of or short-circuit protection of the main circuit with type of coordination or required of or short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required fastening method screw and snap-on mounting outling surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward an abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and abcolivard by +/-2.2.5" on vertical mounting surface; can be tilted forward and surface. screw-type terminals screw-type terminals screw-type terminals screw	contact reliability of auxiliary contacts	0.00000001
design of the fuse link of or short-circuit protection of the main circuit with type of coordination 1 required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required packward by vi- 22.5° on vertical mounting surface, can be filted forward and backward by vi- 22.5° on vertical mounting surface, can be filted forward and backward by vi- 22.5° on vertical mounting surface, can be filted forward and sand snap-on mounting onto 35 mm DIN rail according to DIN EN 50022 height 114 mm width 65 mm depth required spacing • with side-by-side mounting at the side • for grounded parts at the side 10 mm connections/Terminals type of electrical connection • for auxiliary and control circuit • a contactor for auxiliary contacts • of magnet coil • stranded • side or stranded • sind or stranded • finely stranded with core end processing • for AWG cables for auxiliary contacts • for auxiliary contacts • soild - soild or stranded • finely stranded with core end processing • for AWG cables for auxiliary contacts • for auxiliary contacts	UL/CSA ratings	
design of the fuse link of or short-circult protection of the main circult with type of coordination 1 required of or short-circult protection of the auxiliary switch required for short-circult protection of the auxiliary switch required for short-circult protection of the auxiliary switch required for short-circult protection of the auxiliary switch required fastening method fastening method fastening method fastening method fastening method for grounded parts at the side of raw auxiliary and control circuit of or auxiliary and control circuit of or auxiliary and control circuit of auxiliary and control circuit screw-type terminals of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections for main contacts of signal or stranded of inely stranded with core end processing for connectable conductor cross-sections of or auxiliary contacts Auxiliary contacts of or Auxiliary contacts of or Auxiliary contacts of or Auxiliary contacts Auxiliary contacts of or Auxiliary contacts Auxiliary contacts of or Auxiliary contacts of or Auxiliary contacts of or Auxilia	contact rating of auxiliary contacts according to UL	A600 / Q600
• for short-circuit protection of the main circuit with type of coordination 1 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required mounting position # -/180* rotation possible on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surface; can be tilted forward and backward by */-22.5* on vertical mounting surf	Short-circuit protection	
coordination 1 required • for short-circuit protection of the auxiliary switch required Installation mounting dimensions mounting position #/-180* rotation possible on vertical mounting surface; can be tilted forward an abackward by ++22.6* on vertical mounting surface sackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface sackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on vertical mounting surface; can be tilted forward and abackward by ++22.6* on mounting surface; can be tilted forward and abackward by ++22.6* on mounting surface; can be tilted forward and abackward by ++22.6* on mounting surface; can be tilted forward and abackward by +22.6* on mounting surface; can be tilted forward and abackward by +22.6* on mounting surface; can be tilted forward and abackward by +22.6* on mounting on to mount of the forest abackward by +22.	design of the fuse link	
mounting position #-/-180° rotation possible on vertical mounting surface, can be tilted forward and backward by +/-22.5° on vertical mounting surface. fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022 height 114 mm width 65 mm depth 130 mm required spacing with side-by-side mounting at the side 10 mm for grounded parts at the side 10 mm for grounded parts at the side 10 mm for main current circuit screw-type terminals sc		gG: 160 A (690 V, 50 kA)
### Fritton possible on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on vertical mounting surface; can be tilted forward ambackward by ++2.2.5" on ward and anapon mounting onto 35 mm DIN rail according to DIN EN 50022 10 mm 2x (1 16 mm²) 2x (1 16 mm²) 2x (1 16 mm²) 2x (1 16 mm²) 2x (1 36 mm²), 1x (1 36 mm²) 2x (1 35 mm²), 1x (1 36 m	• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
fastening method screw and snap-on mounting surface fastening method height lith mm width depth for grounded parts at the side of for grounded parts at the side of or main current circuit of main current circuit of a connections? Terminals type of electrical connection of main current circuit of mainitury and control circuit of a suxiliary and control circuit of stranded of since shaped with core end processing of auxiliary contacts of or auxiliary contacts of or auxiliary contacts of or auxiliary contacts of or suxiliary contacts of or stranded of connectable conductor cross-sections of magnet coil type of connectable conductor cross-sections of magnet coil 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 35 mm²), 1x (1 35 mm²) 1x (1 35 mm²) 1x (1 35 mm²) 1x (1 35 mm²) 2x (2 35 mm²), 1x (1	Installation/ mounting/ dimensions	
Meight width	mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
width 65 mm depth 130 mm required spacing	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022
required spacing • with side-by-side mounting at the side • for grounded parts at the side **Tormains** **Top of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil **Screw-type terminals **Tormains** **Screw-type terminals **Screw-type termina	height	114 mm
e with side-by-side mounting at the side 10 mm for grounded parts at the side 10 mm Connections/ Terminals type of electrical connection	width	65 mm
with side-by-side mounting at the side for grounded parts at the side for grounded parts at the side Connections/ Terminals type of electrical connection for auxiliary and control circuit screw-type terminals sore description and connectable conductor cross-sections for main contacts solid stranded solid or stranded solid or stranded solid or stranded solid or stranded or for auxiliary contacts finely stranded with core end processing for auxiliary contacts —solid —solid or stranded solid or strander solid o	depth	130 mm
e for grounded parts at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • stranded • solid or stranded • solid or stranded • for auxiliary contacts • solid • 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 type of connectable conductor cross-sections • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) • for AWG cables for auxiliary contacts 2x (20 16, 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-8b • at 40 °C • at 60 °C 1x 35 mm² 1x 50 mm²	required spacing	
type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • stranded • stranded • solid or stranded • finely stranded with core end processing • for auxiliary contacts • solid • for auxiliary contacts • solid or stranded • solid or stranded • solid or stranded • finely stranded with core end processing • for auxiliary contacts • solid - solid or stranded • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75	 with side-by-side mounting at the side 	10 mm
type of electrical connection • for main current circuit • for auxillary and control circuit • at contactor for auxillary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • stranded • stranded • solid or stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded • for auxillary contacts • for auxillary contacts • solid or stranded • for auxillary contacts • solid or stranded • for auxillary contacts • solid or stranded • solid or stranded • for auxillary contacts • for auxillary contacts • for auxillary contacts • solid or stranded • solid or stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²),	 for grounded parts at the side 	10 mm
• for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • stranded • solid or stranded • finely stranded with core end processing • solid • solid • for auxiliary contacts • solid • solid 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 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b e at 40 °C at 60 °C AWG number as coded connectable conductor cross section for main contacts Safety related data product function e mirror contact according to IEC 60947-8-1 e) positively driven operation according to IEC 60947-5-1 No positively driven operation according to IEC 60529 finger-safe, for vertical contact from the front	Connections/ Terminals	
• for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • stranded • stranded • solid or stranded • finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 40 °C • at 60 °C AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-5-1 protection class IP on the front according to IEC 60529 finger-safe, for vertical contact from the front finger-safe, for vertical contact from the front finger-safe, for vertical contact from the front	type of electrical connection	
• at contactor for auxiliary contacts • of magnet coil Screw-type terminals Screw-type terminals Screw-type terminals Screw-type terminals 2x (1 16 mm²) • solid • stranded • solid or stranded • solid or stranded with core end processing • finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • 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), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) • for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C 1x 50 mm² AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-5-1 • positively driven operation according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	for main current circuit	screw-type terminals
of magnet coil type of connectable conductor cross-sections for main contacts • solid • stranded	 for auxiliary and control circuit 	screw-type terminals
type of connectable conductor cross-sections for main contacts • solid • stranded • stranded • solid or stranded • finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded • stranded • for auxiliary contacts — solid or stranded — solid or strander — sol	 at contactor for auxiliary contacts 	Screw-type terminals
• solid • stranded • stranded • solid or stranded • 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 type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross section for main contacts safety related data product function • mirror contact according to IEC 60947-5-1 • positively driven operation according to IEC 60529 touch protection on the front according to IEC 60529 tive of minimum contact from the front according to IEC 60529 finger-safe, for vertical contact from the front 2x (1 35 mm²), 1x (1 35 mm²) 2x (2 (1 25 mm²), 1x (1 35 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts 1x 35 mm² 1x	of magnet coil	Screw-type terminals
 stranded solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded type of connectable conductor cross-sections for auxiliary contacts solid solid or stranded solid or stranded finely stranded with core end processing for AWG cables for auxiliary contacts for AWG cables for auxiliary contacts type of minimum connectable cross-sections for main contacts at AC-6b at 40 °C at 60 °C 1x 35 mm² 1x 35 mm²	type of connectable conductor cross-sections for main contacts	
 solid or stranded finely stranded with core end processing 2x (1 35 mm²), 1x (1 35 mm²) type of connectable conductor cross-sections for auxiliary contacts solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² solid or stranded solid or stranded with core end processing finely stranded with core end processing for AWG cables for auxiliary contacts for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b at 40 °C at 60 °C 1x 35 mm² at 50 mm² AWG number as coded connectable conductor cross section for main contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 No protection class IP on the front according to IEC 60529 finger-safe, for vertical contact from the front 	• solid	2x (1 16 mm²)
finely stranded with core end processing type of connectable conductor cross-sections	• stranded	2x (10 35 mm²), 1x (10 50 mm²)
type of connectable conductor cross-sections • for auxiliary contacts — solid — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² — 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), 2x 4 mm² — finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No protection class IP on the front according to IEC 60529 finger-safe, for vertical contact from the front	solid or stranded	2x (1 35 mm²), 1x (1 50 mm²)
• for auxiliary contacts — solid — solid or stranded — 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), 2x 4 mm² — finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) • for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C 1x 35 mm² 1x 50 mm² AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	finely stranded with core end processing	2x (1 25 mm²), 1x (1 35 mm²)
- solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - solid or stranded 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) • for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C 1x 35 mm² AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	type of connectable conductor cross-sections	
- solid or stranded - finely stranded with core end processing - finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	• for auxiliary contacts	
finely stranded with core end processing • for AWG cables for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C 1x 35 mm² AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 1x 35 mm² 1x 35 mm² 18 0 No	— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
for AWG cables for auxiliary contacts type of minimum connectable cross-sections for main contacts at AC-6b at 40 °C at 60 °C 1x 35 mm² AWG number as coded connectable conductor cross section for main contacts Safety related data product function mirror contact according to IEC 60947-4-1	— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
type of minimum connectable cross-sections for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	i	2x (20 16), 2x (18 14), 2x 12
at 60 °C AWG number as coded connectable conductor cross section for main contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 No protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front		
AWG number as coded connectable conductor cross section for main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 No protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front		1x 35 mm ²
main contacts Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	• at 60 °C	1x 50 mm ²
product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front		18 0
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front 	Safety related data	
positively driven operation according to IEC 60947-5-1 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	product function	
protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	 mirror contact according to IEC 60947-4-1 	No
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	 positively driven operation according to IEC 60947-5-1 	No
· · · · · · · · · · · · · · · · · · ·	protection class IP on the front according to IEC 60529	IP20
Certificates/ approvals	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
	Certificates/ approvals	



Confirmation





<u>KC</u>



EMC

Declaration of Conformity

Test Certificates

Marine / Shipping







Type Test Certificates/Test Report





other

Dangerous Good

Confirmation

Transport Information

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=3RT2636-1NF35

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2636-1NF35

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2636-1NF35

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

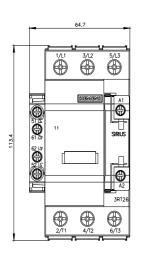
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2636-1NF35&lang=en

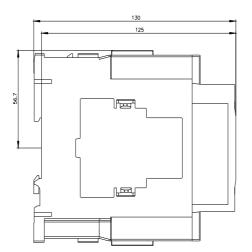
Characteristic: Tripping characteristics, I²t, Let-through current

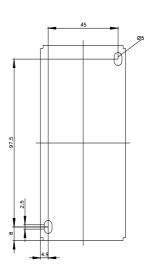
https://support.industry.siemens.com/cs/ww/en/ps/3RT2636-1NF35/char

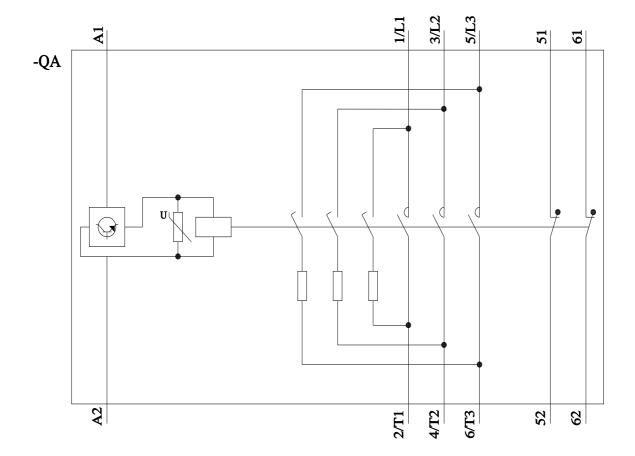
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2636-1NF35&objecttype=14&gridview=view1



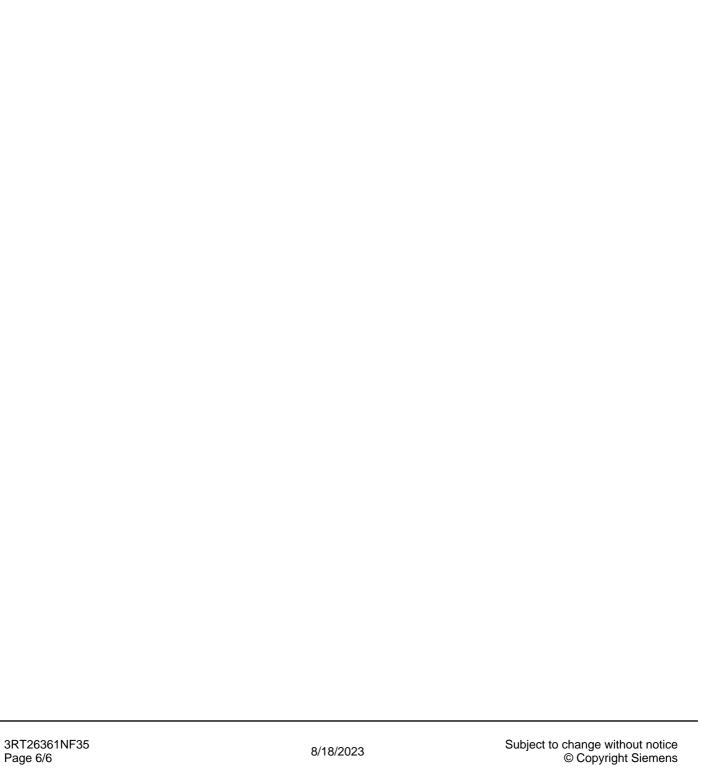






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3RT26361NF35