SIEMENS

Data sheet 3RT2637-1NF35



Capacitor contactor, AC-6b 75 kVAr, / 400 V 2 NC, 50-60 Hz AC / 83-155 V DC 3-pole, Size S2 screw terminal

product brand name	SIRIUS
product designation	capacitor contactors
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 safe isolation between coil and main contacts according to EN 60947-1	400 V
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
mechanical service life (switching cycles)	
 of the contactor with added auxiliary switch block typical 	3 000 000
electrical endurance (switching cycles)	150 000
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 maximum	95 %
Main circuit	
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	108 A
operating reactive power at AC-6b	

• at 230 V at 50/60 Hz at ambient temperature 60 °C rated value	14 43 kvar
at 400 V at 50/60 Hz at ambient temperature 60 °C rated value	25 75 kvar
at 500 V at 50/60 Hz at ambient temperature 60 °C rated value	31 94 kvar
at 690 V at 50/60 Hz at ambient temperature 60 °C rated value	43 129 kvar
no-load switching frequency	
• at AC	500 1/h
• at DC	500 1/h
operating frequency at AC-6b	
at 230 V maximum	100 1/h
at 240 V maximum	100 1/h
at 400 V maximum	80 1/h
at 480 V maximum	50 1/h
at 500 V maximum	45 1/h
at 600 V maximum	32 1/h
at 690 V maximum	25 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	10,00
at 50 Hz rated value	83 155 V
at 60 Hz rated value at 60 Hz rated value	83 155 V
control supply voltage frequency	00 100 V
1 rated value	50 Hz
2 rated value	60 Hz
control supply voltage at DC	00112
• rated value	83 155 V
operating range factor control supply voltage rated	00 100 V
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	30 100 ms
• at DC	30 100 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
•	

* instalination or NO contacts for auxiliary contacts	a attachable	1
number of NO contacts for auxiliary contacts	attachable instantaneous contact	1
Instantaneous contact Ingrediational current of auxiliary contacts at AC-12 Ingrediational current of auxiliary contacts at AC-15 Ingrediational current of auxiliary contacts at AC-16 Ingrediational current of auxiliary contacts at DC-13 Ingrediational current of		
Instantaneous contact Operational current of auxiliary contacts at AG-12 Operational current of auxiliary contacts at AG-15 Operational current of auxiliary contacts at DC-13 Operational current of auxiliary contacts Operational	-	
operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at AC-15 • at 240 V • at 400 V • at 400 V • at 150 V • at 110 V • at 125 V • at 220 V • contact reliability of auxiliary contacts UCSA ratings contact reliability 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 if 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 • 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 • 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 • 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 • 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 • 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 • for short-circuit protection of the auxiliary switch required • for main current circuit • for main current cir		
operational current of auxiliary contacts at AC-15 • at 230 V • at 400 V 3 A operational current of auxiliary contacts at DC-13 • at 24 V • at 60 V 2 A • at 110 V • at 125 V contact reliability of auxiliary contacts 0 0,00000001 UUCSA ratings contact reliability of auxiliary contacts 0 0,00000001 UUCSA ratings contact rating of auxiliary contacts contact rating of auxiliary contacts design of the fuse link • for short-circuit protection design of the fuse link • for short-circuit protection of the main circuit with type of coordination 1 required series of the fuse link • for short-circuit protection of the auxiliary switch required forward and backward by vf- 22.5' on vertical mounting surface; can be tilled forward and backward by vf- 22.5' on vertical mounting rating according to DIN EN 50022 fastening method serve and snap on mounting onto 35 mm standard mounting rail according to DIN EN 50022 height 114 mm with side-by-side mounting at the side • for grounded parts at the side	operational current of auxiliary contacts at AC-12	
operational current of auxillary contacts at DC-13 • al 24 V • at 110 V • at 1126 V • al 220 V • al 220 V • al 220 V • al 220 N • al 220 V • a		6 A
at 24 V at 60 V at 110 V at 125 V at 125 V 0.3 A 0.00000001 ULCSA ratings contact reliability of auxiliary contacts ILCSA ratings Contact reliability of auxiliary contacts In a contact and co	● at 400 V	3 A
at 110 V at 110 V at 126 V at 110 V at 126 V at 220 V at	operational current of auxiliary contacts at DC-13	
• at 110 V • at 125 V	• at 24 V	6 A
at 125 V at 220 V contact reliability of auxiliary contacts 0.00000001 ULCSA natings 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 • 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 • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required witch growing and beackward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surface; can be titled forward and backward by + 2.2.5° on vertical mounting surf	• at 60 V	2 A
ontact reliability of auxiliary contacts	• at 110 V	1 A
contact reliability of auxiliary contacts UL/CSA ratings 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 Installation/ mounting / dimensions mounting position fastening method	● at 125 V	0.9 A
contact rating of auxillary contacts according to UL. A600 / Q600 Mort-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 • 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 • 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 • 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 • 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 • 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 • for short-circuit protection of the auxiliary switch required • for gounded parts at the side of main contacts • for gounded parts at the side of main contacts • of magnet coil screw-type terminals • of or main cornect conductor cross-sections • for wain contacts • for main contacts • of magnet coil screw-type terminals • cornectator or auxiliary contacts • conductator or auxiliary contacts • for auxiliary contacts • solid • solid or stranded • finely stranded with core end processing • at AVG cables for main contacts • for auxiliary contacts • solid • solid or stranded • finely stranded with core end processing • at AVG cables for auxiliary contacts • contacts at AC-6b •		
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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 for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required forward and backward by +f - 22.5° on vertical mounting surface; can be tilted forward and backward by +f - 22.5° on vertical mounting surface screw and snap-on mounting noto 35 mm standard mounting rall according to DIN EN 50022 for main doubted forward and backward by +f - 22.5° on vertical mounting surface screw and snap-on mounting noto 35 mm standard mounting rall according to DIN EN 50022 for main doubted for main standard mounting rall according to DIN EN 50022 for main doubted for main doubted for main current circuit for grounded parts at the side for main current circuit for auxiliary and control circuit screw-type terminals screw-typ		
design of the fuse link		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 Installation/ mounting/ dimensions mounting position fastening method fastening method height height fastening method height fastening method height fastening method forward and backward by */- 22.5" on vertical mounting surface; can be tilted forward and backward by */- 22.5" on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rall according to DIN EN 50022 114 mm width for minimum counting at the side • for grounded parts at the side • for grounded parts at the side • for grounded parts at the side • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil — stranded — solid or stranded — finely stranded with core end processing • at AVIC cables for main contacts — solid — solid or stranded — finely stranded with core end processing • at AVIC cables for nauxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AVIC cables for nauxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AVIC cables for nauxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AVIC cables for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AVIC cables for auxiliary contacts • at 40 °C • at 60 °C AVIC number as coded connectable conductor cross 18 0		
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required mounting position mounting position ##-180" rotation possible on vertical mounting surface, can be tilted forward and backward by +/- 22.5" on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 height ##-180" rotation possible on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 height ##-180" rotation possible on vertical mounting surface, can be tilted forward and backward by +/- 22.5" on vertical mounting surface screw and snap-on mounting on 35 mm standard mounting rail according to DIN EN 50022 height ##-180" rotation possible on vertical mounting surface, can be tilted forward and backward by +/- 22.5" on vertical mounting surface. ##	type of coordination 1 required	
### required spacing with side-by-side mounting at the side for auxiliary and control circuit for auxiliary and contacts - solid - stranded - solid or stranded - solid or stranded - solid or stranded - solid or stranded - finely stranded with core end processing at AWG cables for auxiliary contacts for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing at AWG cables for auxiliary contacts for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing at AWG cables for auxiliary contacts - solid - solid or stranded - solid or st	required	gG: 10 A (500 V, 1 kA)
fastening method screw and snap-on mounting onto 35 mm standard mounting 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 • for grounded parts at the side • for grounded parts at the side • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil screw-type terminals type of connectable conductor cross-sections • for main contacts - solid - stranded - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts - solid - solid or stranded - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts - solid - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts - solid or stranded - solid or strand	-	
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width depth 130 mm required spacing • with side-by-side mounting at the side • for grounded parts at the side • for grounded parts at the side • for main current circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts — solid — stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts - solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts - solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts - solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts - solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts type of minimum connectable cross-section for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross 18 0	fastening method	according to DIN EN 50022
depth 130 mm required spacing with side-by-side mounting at the side for grounded parts at the side mm connections/ Terminals type of electrical connection for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil screw-type terminals very of connectable conductor cross-sections for main contacts - solid 2x (1 16 mm²) - stranded 2x (1 35 mm²), 1x (10 50 mm²) - stranded with core end processing 2x (1 35 mm²), 1x (1 35 mm²) - at AWG cables for main contacts 2x (1 25 mm²), 1x (1 35 mm²) - at AWG cables for main contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² - solid or stranded - solid or stranded - solid or stranded 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		
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 with side-by-side mounting at the side for grounded parts at the side for grounded parts at the side mm for grounded parts at the side type of electrical connection for main current circuit for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil screw-type terminals xcrew-type terminals<!--</td--><td>•</td><td>130 mm</td>	•	130 mm
• 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 connectable conductor cross-sections • for main contacts - solid - stranded - solid or stranded - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts - solid - solid - stranded variant contacts - solid - for auxiliary contacts - solid - stranded variant contacts - solid - stranded variant contacts - solid - solid or stranded - finely stranded variant contacts - solid - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts - type of minimum connectable cross-section for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross 18 0		40
type of electrical connection	,	
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 — finely stranded with core end processing • at AWG cables for main contacts — solid — solid — solid — solid — for auxiliary contacts • for auxiliary contacts • at AWG cables for main contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts • at AWG cables for auxiliary contacts • at 40 °C • at 60 °C AWG number as coded connectable conductor cross screw-type terminals screw-type		IV IIIIII
 for main current circuit for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Screw-type terminals 2x (1 16 m²²) (x (1 50 m²²) (x (1 .		
 for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid stranded finely stranded with core end processing for auxiliary contacts solid stranded (2x (1 16 mm²)) x (1 35 mm²), 1x (1 50 mm²) x (1 25 mm²), 1x (1 35 mm²) x (1 25		scrow type terminals
 at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts — solid — stranded — solid or stranded or finely stranded with core end processing • at AWG cables for main contacts — solid — solid or stranded or finely stranded with core end processing or finely stranded or finely stranded or solid or stranded or finely stranded or solid or stranded or finely stranded or solid or solid or stranded or solid or stranded or solid or solid or stranded or solid or solid or stranded or solid or soli		**
• of magnet coil type of connectable conductor cross-sections • for main contacts — solid — stranded — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts • at 40 °C • at 60 °C AWG number as coded connectable conductor cross Screw-type terminals 2x (1 16 mm²) 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 25 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 4x 50 mm² 4x 50 mm² 2x (20 16), 2x (18 14), 2x 12	•	
type of connectable conductor cross-sections • for main contacts — solid — stranded — solid or stranded — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts — solid — solid 2x (1 35 mm²), 1x (10 50 mm²) 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (18 2), 1x (18 0) type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts type of minimum connectable cross-section for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross 18 0	•	
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- stranded - solid or stranded - finely stranded with core end processing • at AWG cables for main contacts • for auxiliary contacts - solid - finely stranded - solid or stranded - solid or stranded - solid or stranded - finely stranded with core end processing - solid - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts - solid or stranded - solid or str		
 — solid or stranded — finely stranded with core end processing ■ at AWG cables for main contacts ■ for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing — solid or stranded — finely stranded with core end processing ■ at AWG cables for auxiliary contacts — at AWG cables for auxiliary contacts ■ at AWG cables for auxiliary contacts ■ at AWG cables for auxiliary contacts ■ at 40 °C ■ at 60 °C AWG number as coded connectable conductor cross 2x (1 25 mm²), 1x (1 35 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 	— solid	2x (1 16 mm²)
 finely stranded with core end processing at AWG cables for main contacts type of connectable conductor cross-sections for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing at AWG cables for auxiliary contacts at AWG cables for auxiliary contacts type of minimum connectable cross-section for main contacts at AC-6b at 40 °C at 60 °C AWG number as coded connectable conductor cross 	— stranded	
 at AWG cables for main contacts type of connectable conductor cross-sections for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing at 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 (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-section for main contacts at AC-6b at 40 °C at 60 °C 2x 35 mm² AWG number as coded connectable conductor cross 18 0 	— solid or stranded	2x (1 35 mm²), 1x (1 50 mm²)
type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts type of minimum connectable cross-section for main contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross • 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 (20 16), 2x (18 14), 2x 12	 finely stranded with core end processing 	2x (1 25 mm²), 1x (1 35 mm²)
 for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing ● at AWG cables for auxiliary contacts type of minimum connectable cross-section for main contacts at AC-6b ● at 40 °C ● at 60 °C AWG number as coded connectable conductor cross 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm² 2x (20 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 2x 12 1x 50 mm² 2x 35 mm² 18 0	at AWG cables for main contacts	2x (18 2), 1x (18 0)
— 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) • at AWG cables for auxiliary contacts 2x (20 16), 2x (18 14), 2x 12 type of minimum connectable cross-section for main contacts at AC-6b 1x 50 mm² • at 40 °C 1x 50 mm² • at 60 °C 2x 35 mm² AWG number as coded connectable conductor cross 18 0		
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contacts at AC-6b • at 40 °C • at 60 °C AWG number as coded connectable conductor cross 1x 50 mm² 2x 35 mm² 18 0		2x (20 16), 2x (18 14), 2x 12
 at 40 °C at 60 °C 2x 35 mm² AWG number as coded connectable conductor cross 18 0 	• •	
● at 60 °C 2x 35 mm² AWG number as coded connectable conductor cross 18 0		1x 50 mm²
AWG number as coded connectable conductor cross 18 0		
	AWG number as coded connectable conductor cross	

Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	No
 positively driven operation according to IEC 60947- 5-1 	No
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Certificates/ approvals	

General Product Approval



Confirmation





<u>KC</u>



EMC

Declaration of Conformity

Test Certificates

Marine / Shipping

other







Type Test Certificates/Test Report



Confirmation

Dangerous Good

Transport Informa-<u>tion</u>

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=3RT2637-1NF35

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2637-1NF35

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2637-1NF35

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2637-1NF35&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2637-1NF35/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2637-1NF35&objecttype=14&gridview=view1

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