SIEMENS

Data sheet 3RU2126-4CB0



Overload relay 17...22 A Thermal For motor protection Size S0, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product brand name	SIRIUS
product designation	thermal overload relay
product type designation	3RU2
General technical data	
size of overload relay	S0
size of contactor can be combined company-specific	S0
power loss [W] for rated value of the current at AC in hot operating state	8.1 W
• per pole	2.7 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation in networks with grounded star point	
 between auxiliary and auxiliary circuit 	440 V
 between auxiliary and auxiliary circuit 	440 V
 between main and auxiliary circuit 	440 V
 between main and auxiliary circuit 	440 V
shock resistance according to IEC 60068-2-27	8g / 11 ms
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
reference code according to IEC 81346-2	F
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-40 +70 °C
during storage	-55 +80 °C
during transport	-55 +80 °C
temperature compensation	-40 +60 °C
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3
adjustable current response value current of the current- dependent overload release	17 22 A
operating voltage	
• rated value	690 V
at AC-3e rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current rated value	22 A
operational current at AC-3e at 400 V rated value	22 A
operating power	

# at ACS of vited value	• at AC-3	
		11 kW
at 500 V rated value 18.5 keW 11 kW - at 500 V rated value 18.5 keW - at 500 V rated value 2.5 keW		
■ at 400 V rated value		
at 400 V rated value		16.5 KVV
		14 DA
Austlany curcuit dosign of the auxiliary switch number of NC contacts for auxiliary contacts • note note note note note note note note operational current of auxiliary contacts at AC-15 • 12 AV at 120 V		
design of the auxillary which number of NC contacts for auxillary contacts for contactor disconnection		10.5 KVV
number of NC contacts for auxiliary contacts * note note note note number of CO contacts for auxiliary contacts note note operational current of auxiliary contacts at AC-15 at 24 V at 120 V at 120 V at 120 V at 1400 V at 1600 V operational current of auxiliary contacts at AC-15 at 24 V at 120 V a		integrated
e note number of NO contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 2 note number of CO contacts for auxiliary contacts 3 note number of CO contacts for auxiliary contacts 3 note 11 10 V 3 note 11 10 V 3 note 11 10 V 3 note 11 12 N 3 note 11 10 N 5 note 11 10		,
number of NO contacts for auxiliary contacts • note • note number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 • a12 4V • a1 110V • a1 125V • a1 250V • a1 250V • a1 250V • a1 400V • a1 690V operational current of auxiliary contacts at DC-13 • a1 24 W • a1 60V • a	-	
- note		
operational current of auxiliary contacts at AC-15 • at 24 V • at 110 V • at 120 V • at 120 V • at 230 V • at 240 V • at 250 V • at 400 V • at 690 V operational current of auxiliary contacts at DC-13 • at 24 V • at 100 V • at 600 V • at 600 V • at 600 V • at 100 V • at 110 V • at 600 V • at 110 V • at 120 V	•	for message "Tripped"
operational current of auxiliary contacts at AC-15 • 12 24 V • 11 120 V • 3 A • 11 120 V • 3 A • 12 120 V • 12 40 V • 14 000 V • 14 000 V • 14 000 V • 14 000 V • 15 000 V operational current of auxiliary contacts at DC-13 • 12 24 V • 10 60 V operational current of auxiliary contacts at DC-13 • 12 24 V • 10 60 V • 11 10 V • 12 A • 12 120 V contact rating of auxiliary contacts according to UL Brook / 8300 Protective and monitoring functions trip class trip class CLASS 10 design of the overload release thermal ULCSA ratings full-load current (FLA) for 3-phase AC motor • 14 480 V rated value 22 A • 14 600 V rated value 22 A • 15 000 V rated value 35 Non-Circuit protection of the auxiliary switch required fuse of the functional protection of the auxiliary switch required fuse of the functional protection of the auxiliary switch required fuse of the functional protection of the auxiliary switch required fuse of the functional protection of the auxiliary switch required fuse of the functional protection of the auxiliary switch required fuse of the functional protection of the auxiliary switch required fuse of the functional f	number of CO contacts for auxiliary contacts	
• at 110 V		
• at 120 V • at 125 V • at 125 V • at 125 V • at 125 V • at 120 V • at 1400 V • at 1400 V • at 1600 V operational current of auxiliary contacts at DC-13 • at 24 V • at 80 V • at 120 V • at 125 V •	• at 24 V	3 A
at 125 V at 20 V at 400 V at 400 V at 400 V beta 400 V at 400 V at 400 V beta 400 V at 400 V at 400 V at 400 V beta 41 50 V at 41 50 V at 41 50 V at 41 10 V at 125 V beta 41 20 V contact rating of auxiliary contacts according to UL Bebour / R300 Protective and monitoring functions trip class CLASS 10 design of the overload release thermal ULCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 22 A at 800 V rated value 22 A bond-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required fustalization/mounting/dimensions mounting position fastening method fastening method Contactor mounting fastening method fastening metho	• at 110 V	3 A
■ at 230 ∨ ■ at 400 ∨ ■ at 690 ∨ ■ or 690 ∨ ■ or 690 ∨ ■ or 690 ∨ ■ or 24 ∨ ■ at 60 ∨ ■ at 110 ∨ ■ at 110 ∨ ■ at 110 ∨ ■ at 125 ∨ ■ at 125 ∨ ■ at 125 ∨ ■ at 220 ∨ ■ at 125 ∨ ■ or 1220 ∨ □	• at 120 V	3 A
at 400 V at 690 V o.75 A o.	• at 125 V	3 A
operational current of auxillary contacts at DC-13 at 24 V at 60 V at 10 V at 110 V contact rating of auxillary contacts according to UL B000 / R300 Protective and monitoring functions trip class CLASS 10 design of the overload release ULCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 22 A at 480 V rated value 22 A short-circuit protection design of the fuse link of or short-circuit protection of the auxiliary switch required installation/ mounting/ dimensions mounting position fastening method height width 45 mm depth S5 mm Connections/ Terminals product component removable terminal for auxillary and control circuit of or auxillary and control circuit of or auxillary and control circuit response for main contacts of main contacts — solid or stranded — finely stranded with core end processing of AWG cables for main contacts type of connectable conductor cross-sections type of for AWG cables for main contacts type of connectable conductor cross-sections	• at 230 V	2 A
e at 24 V 2 A at 80 V 0.3 A 0.22 A 0.	• at 400 V	1 A
at 24 V at 60 V billion at 1110 V cal 1110 V cal 1125 V cat 125 V contact rating of auxiliary contacts according to UL Protective and monitoring functions trip class CLASS 10 design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 480 V rated value at 480 V rated value billion at 60 rof short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required for short-circuit protection fastening method height Contactor mounting filmensions mounting position fastening method Contactor mounting filmensions mounting position fastening method fastening method fastening method fastening method for main current circuit formacions/Terminals product component removable terminal for auxiliary and control circuit sorew-type terminals product component removable terminal for auxiliary and control circuit for main current circuit for main connection for main connection for main connection of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts - solid or stranded - finely stranded with oore end processing for AVIX cabeles for main contacts - solid or stranded - finely stranded with oore end processing for AVIX cabeles for main contacts - solid or stranded - finely stranded with oore end processing for AVIX cabeles for main contacts - solid or stranded - finely stranded with oore end processing for AVIX cabeles for main contacts - solid or stranded - finely stranded with oore end processing for AVIX cabeles for main contacts - solid or stranded - solid conductor cross-sections	• at 690 V	0.75 A
at 160 V at 1125 V at 125 V at 1220 V 0.11 A contact rating of auxiliary contacts according to UL B600 / R300 Protective and monitoring functions trip class CLASS 10 design of the overload release UL/CSA ratings UL/CS	operational current of auxiliary contacts at DC-13	
at 110 V at 125 V at 125 V beta 1220 V contact rating of auxiliary contacts according to UL B600 / R300 Protective and monitoring functions trip class CLASS 10 design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 22 A at 600 V rated value 22 A Short-circuit protection design of the fuse link for short-circuit protection Any fastening method height A5 mm depth Connections/ Terminals product component removable terminal for auxiliary and control circuit for main current circuit for main current circuit for auxiliary and control circuit screw-type terminals arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts - solid or stranded - finely stranded with core end processing for or MRO cables for main contacts - solid or stranded - finely stranded with core end processing for connectable conductor cross-sections for main contacts - solid or stranded - finely stranded with core end processing for connectable conductor cross-sections for main contacts - solid or stranded - finely stranded with core end processing for connectable conductor cross-sections for main contacts - solid or stranded - finely stranded with core end processing for main contacts - solid or stranded - finely stranded with core end processing - solid or stranded - finely stranded with core end processing - solid or stranded -	• at 24 V	2 A
at 125 V at 220 V at 1220	• at 60 V	0.3 A
• at 220 V contact rating of auxiliary contacts according to UL B800 / R300 Protective and monitoring functions trip class	• at 110 V	0.22 A
contact rating of auxiliary contacts according to UL B600 / R300 Protective and monitoring functions trip class CLASS 10 design of the overload release thermal UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 22 A short-circuit protection design of the fuse link • for short-circuit protection design of the fuse link • for main current circuit **ref main contacts • solid or stranded • for AWG cables for main contacts **ref AWG cables for main contacts	• at 125 V	0.22 A
Protective and monitoring functions trip class CLASS 10 design of the overload release thermal UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 22 A • at 600 V rated value 22 A Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position any fastening method Contactor mounting height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for auxiliary and control circuit screw-type terminals arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts Last 12, 2x (14 8) type of connectable conductor cross-sections type of connectable conductor cross-sections type of connectable conductor cross-sections • for main current circuit screw-type terminals - for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) - for AWG cables for main contacts 1x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² - for AWG cables for main contacts 1x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² - for AWG cables for main contacts 1x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² - for AWG cables for main contacts 1x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² - for AWG cables for main contacts 1x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² - for AWG cables for main contacts 1x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² - for AWG cables for main contacts - for each and the main contacts - for each and	• at 220 V	0.11 A
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 22 A Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit screw-type terminals arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) 4x (16 12), 2x (14 8) type of connectable conductor cross-sections type of connectable conductor cross-sections		B600 / R300
design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 800 V rated value • at 800 V rated value 22 A Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method Contactor mounting height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit of or auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWC cables for main contacts 1 cype of connectable conductor cross-sections • for AWC cables for main contacts 1 cype of connectable conductor cross-sections • for AWC cables for main contacts 2 x (1 2.5 mm²), 2x (2.5 10 mm²) 2 x (16 12), 2x (14 8) type of connectable conductor cross-sections • for AWC cables for main contacts 1 cype of connectable conductor cross-sections • for AWC cables for main contacts 2 x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2 x (16 12), 2x (14 8)		
full-load current (FLA) for 3-phase AC motor • at 480 V rated value 22 A Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method Contactor mounting height width 45 mm depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts (10 A Quick: 10 A A Quick: 10 A Installation/ mounting fuse gG: 6 A, quick: 10 A Installation/ mounting fuse	•	
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 22 A Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required fuse gG: 6 A, quick: 10 A Installation/ mounting/ dimensions mounting position fastening method Contactor mounting height 85 mm width 45 mm depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit of or auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections • for AWG cables for main contacts type of connectable conductor cross-sections		thermal
at 480 V rated value at 600 V rated value 22 A Short-circuit protection design of the fuse link for short-circuit protection of the auxiliary switch required fuse gG: 6 A, quick: 10 A Installation/ mounting/ dimensions mounting position fastening method Contactor mounting height 85 mm width 45 mm depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts - solid or stranded - finely stranded with core end processing for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² e for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 4 type of connectable conductor cross-sections type of connectable conductor cross-sections for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 4x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 4x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 4x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 4x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²		
• at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method Contactor mounting height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts - solid or stranded - finely stranded with core end processing • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²	• • •	22.4
Short-circuit protection design of the fuse link		
design of the fuse link		ZZ A
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections type of connectable conductor cross-sections of rawin contacts — solid or stranded 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 3x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 3x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²		
Installation/ mounting/ dimensions mounting position fastening method Contactor mounting height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) - finely stranded with core end processing • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8)	•	fuse aG: 6 A quick: 10 A
mounting position fastening method Contactor mounting height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections • for AWG cables for main contacts type of connectable conductor cross-sections		iuse go. o A, quiok. To A
fastening method height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections • for AWG cables for main contacts type of connectable conductor cross-sections		any
height 85 mm width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit screw-type terminals arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections • for AWG cables for main contacts type of connectable conductor cross-sections		·
width 45 mm depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections	-	
depth 85 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (14 8) type of connectable conductor cross-sections		
Connections/ Terminals product component removable terminal for auxiliary and control circuit No type of electrical connection for main current circuit for auxiliary and control circuit screw-type terminals arrangement of electrical connectors for main current circuit Top and bottom type of connectable conductor cross-sections ofor main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) — solid or stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² ofor AWG cables for main contacts 2x (16 12), 2x (14 8) type of connectable conductor cross-sections		
type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (14 8)	-	
 for main current circuit for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts — solid or stranded — finely stranded with core end processing for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (14 8) 		No
 for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts — solid or stranded — finely stranded with core end processing for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (14 8) type of connectable conductor cross-sections 	type of electrical connection	
arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (1 2.5 mm²), 2x (14 8)	• for main current circuit	screw-type terminals
type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts type of connectable conductor cross-sections 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8)	for auxiliary and control circuit	screw-type terminals
 for main contacts — solid or stranded — finely stranded with core end processing for AWG cables for main contacts type of connectable conductor cross-sections 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 	·	Top and bottom
 — solid or stranded — finely stranded with core end processing ● for AWG cables for main contacts type of connectable conductor cross-sections 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) 	•	
 — finely stranded with core end processing ● for AWG cables for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² 2x (16 12), 2x (14 8) type of connectable conductor cross-sections 	circuit	
• for AWG cables for main contacts 2x (16 12), 2x (14 8) type of connectable conductor cross-sections	type of connectable conductor cross-sections	
type of connectable conductor cross-sections	type of connectable conductor cross-sections • for main contacts	2x (1 2.5 mm²), 2x (2.5 10 mm²)
	type of connectable conductor cross-sections • for main contacts — solid or stranded	
• for auxiliary contacts	type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
	type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing • for AWG cables for main contacts	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²

— solid or 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)
 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)
tightening torque	
 for main contacts with screw-type terminals 	2 2.5 N·m
 for auxiliary contacts with screw-type terminals 	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 6 mm
size of the screwdriver tip	Pozidriv PZ 2
design of the thread of the connection screw	
• for main contacts	M4
 of the auxiliary and control contacts 	M3
Safety related data	
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
MTTF with high demand rate	2 280 a
T1 value for proof test interval or service life according to IEC 61508	20 a
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Display	
display version for switching status	Slide switch
Certificates/ approvals	

@

Confirmation







For use in hazardous locations



Declaration of Conformity

General Product Approval

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping





LRS







Confirmation

other

other

Railway



Vibration and Shock

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=3RU2126-4CB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2126-4CB0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4CB0

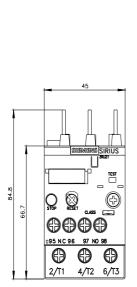
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

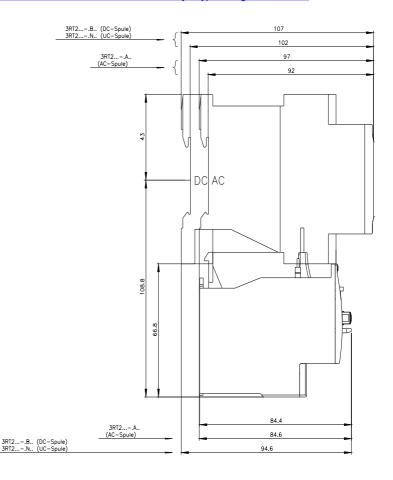
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2126-4CB0&lang=en

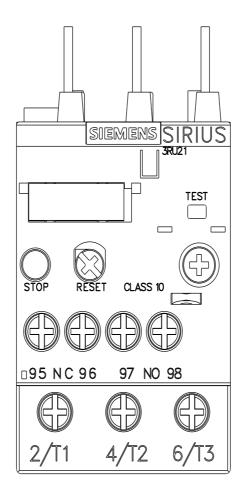
Characteristic: Tripping characteristics, I2t, Let-through current

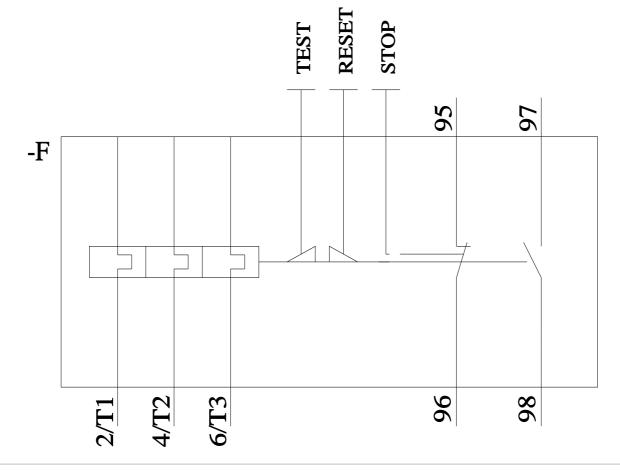
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4CB0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2126-4CB0&objecttype=14&gridview=view1









last modified: 3/8/2022 🖸