## **SIEMENS**

Data sheet 3RU2126-4EC0



Overload relay 27...32 A Thermal For motor protection Size S0, Class 10 Contactor mounting Main circuit: Spring-type terminal Auxiliary circuit: spring-type terminal 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	9.6 W
• per pole	3.2 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	
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
<ul> <li>between main and auxiliary circuit</li> </ul>	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	
<ul> <li>during operation</li> </ul>	-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	27 32 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	32 A
operational current at AC-3e at 400 V rated value	32 A
operating power	

	• at AC-3	
		15 kW
- at 400 V rated value		
		30 KVV
		4E NAV
Auxiliary circuit  design of the auxiliary switch unumber of NC contacts for auxiliary contacts of contacts for auxiliary contacts operational current of auxiliary contacts at AC-15 operational current of auxiliary contacts at DC-13 operational current of auxiliary au		
Auxiliary circuit   design of the auxiliary switch   integrated   integrated		
design of the auxiliary switch number of NC contacts for auxiliary contacts • note • note • note  number of NO contacts for auxiliary contacts • note • note • note number of CO contacts for auxiliary contacts • note • note number of CO contacts for auxiliary contacts • note • note number of CO contacts for auxiliary contacts • al 24 V • al 110 V • al 120 V • al		30 KVV
number of NC contacts for auxiliary contacts  • note  number of NO contacts for auxiliary contacts  • note  number of CO contacts for auxiliary contacts  • and comparisonal current of auxiliary contacts at AC-15  • at 24 V 3 3 A  • at 110 V 3 3 A  • at 125 V 3 3 A  • at 28 V 2 A  • at 3230 V 1 1 A  • at 690 V 1 1 A  • at 690 V 0 75 A  operational current of auxiliary contacts at DC-13  • at 124 V 2 A  • at 110 V 0 0.75 A  operational current of auxiliary contacts at DC-13  • at 22 V 2 A  • at 600 V 0.3 A  • at 110 V 0.22 A  • at 110 V 0.22 A  • at 110 V 0.22 A  • at 125 V 0.22 A  • at 125 V 0.22 A  • at 126 V 0.22 A  • at 127 V 0.22 A  • at 128 V 0.22		integrated
e note  number of NO contacts for auxillary contacts  note number of CO contacts for auxillary contacts one number of CO contacts for auxillary contacts operational current of auxillary contacts at AC-15  at 24 V  at 110 V  3 A  at 120 V  3 A  at 1400 V  1 A  at 690 V  operational current of auxillary contacts at DC-13  at 24 V  2 A  at 160 V  3 A  at 110 V  0 3 A  at 110 V  0 22 A		
number of NO contacts for auxiliary contacts • note	-	
e note number of CO contacts for auxiliary contacts operational current of auxiliary contacts at AC-15  e at 24 V at 110 V 3 A at 110 V 3 A at 120 V 3 A e at 125 V 3 A of 330 V 2 A at 400 V 1 A at 890 V 075 A operational current of auxiliary contacts at DC-13 e at 24 V at 60 V 0 A at 110 V		
number of CO contacts for auxiliary contacts at AC-15  at 24 V  at 110 V  3 A  at 110 V  3 A  at 125 V  3 A  at 230 V  at 240 V  1 A  at 400 V  1 A  at 690 V  operational current of auxiliary contacts at DC-13  at 24 V  2 A  at 300 V  2 A  at 400 V  1 A  at 690 V  operational current of auxiliary contacts at DC-13  at 24 V  2 A  at 60 V  3 A  at 110 V  2 A  at 125 V  3 A  be 120 V  111 A  contact rating of auxiliary contacts according to UL  8800 / R300  Protective and monitoring functions  trip class  CLASS 10  design of the overload release  Utuciss' acting of auxiliary contacts according to UL  8	-	for message "Tripped"
operational current of auxiliary contacts at AC-15  • at 24 V  • at 110 V  • at 120 V  • at 120 V  • at 230 V  • at 400 V  • at 400 V  • at 600 V  operational current of auxiliary contacts at DC-13  • at 24 V  • at 60 V  • at 110 V  • at 125 V  • at 220 A  • at 60 V  • at 110 V  • at 125 V  • at 120 V  • at 110 V  • at 125 V  • at 120 V  • at 110 V  • at 125 V  • at 120 V  • at 120 V  contact rating of auxiliary contacts according to UL  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  • at 600 V rated value  32 A  • at 600 V rated value  32 A  short-circuit protection  design of the fuse link  • for short circuit protection of the auxiliary switch required fuse give in the sum of the sum	number of CO contacts for auxiliary contacts	
at 110 V at 120 V at 120 V at 120 V at 120 V at 130 V at 130 V at 130 V at 1400 V at 1600 V at 1600 V acrea to 110 V at 1600 V at 160 V at 110 V at 120 V at 110 V at 120 V at 110 V at 120 V a		
at 120 V   at 125 V   3 A	• at 24 V	3 A
	• at 110 V	3 A
	• at 120 V	3 A
at 400 V at 690 V 0,75 A  outpational current of auxiliary contacts at DC-13  at 24 V at 60 V 0,3 A at 110 V 0,22 A at 125 V 0,22 A at 125 V 0,21 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/GSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 32 A at 600 V rated value 32 A Short-circuit protection design of the fuse link of or short-circuit protection of the auxiliary switch required fuse gG: 6 A, quick: 10 A Installation/ mounting/ dimensions mounting position fastening method height 102 mm width 45 mm dopth 84 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connectors for main current circuit of or main current circuit sping-loaded terminals  rangement of electrical connectors for main current circuit sping-loaded terminals  for main current circuit arrangement of electrical connectors for main current circuit sping-loaded terminals  - solid or stranded - finely stranded with core end processing  1x (1 10 mm²) - finely stranded with core end processing  1x (1 10 mm²) - finely stranded with core end processing	• at 125 V	3 A
e at 690 V operational current of auxiliary contacts at DC-13  e at 24 V e at 60 V 0.3 A e at 110 V 0.22 A e at 125 V 0.22 A e at 220 V 0.11 A 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 e at 480 V rated value 3 2 A s at 600 V rated value 3 2 A s at 600 V rated value 9 at 600 V rated value 1 Short-circuit protection design of the fuse link of or 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 102 mm width 45 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection of or main current circuit for main current circuit spring-loaded terminals  **For auxiliary and control circuit spring-loaded terminals  **For and current of electrical connectors for main current circuit spring-loaded terminals  **For auxiliary and control circuit spring-loaded terminals	• at 230 V	2 A
operational current of auxillary contacts at DC-13  • at 26 V • at 60 V • at 110 V • at 125 V • at 220 V  contact rating of auxilliary contacts according to UL B800 / 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 • at 600 V rated value • 32 A  Short-circuit protection  design of the tuse link • for short-circuit protection of the auxillary switch required fustallation/ mounting/ dimensions  mounting position fastening method height depth 45 mm  depth 98 4 mm  Connactions/ Terminals  product component removable terminal for auxillary and control circuit type of electrical connectors • for makin current circuit • for making and control circuit type of connectable conductor cross-sections • for mini current circuit type of connectable conductor cross-sections • for mini contacts — solid or stranded — finely stranded with core end processing  1x (1 10 mm²)  1x (1 6 mm²)	• at 400 V	1 A
• at 24 V • at 60 V • at 110 V • at 112 V • at 125 V • at 125 V • at 122 V • at 125 V •	• at 690 V	0.75 A
at 160 V at 1125 V at 125 V 20 22 A at 122 O V 0.11 A contact rating of auxiliary contacts according to UL B600 / R300  Protective and monitoring functions trip class design of the overload release thermal  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value 32 A at 600 V rated value 32 A Short-circuit protection  design of the fuse link of or short-circuit protection  fastening method height 102 mm  width depth 45 mm  depth Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connectors of or main current circuit type of connectable conductor cross-sections  or for main current contacts or for main current contacts or main current contacts or main current contacts or main current circuit type of connectable conductor cross-sections or for main current contacts or main contacts or m	operational current of auxiliary contacts at DC-13	
at 110 V at 125 V be at 125 V contact rating of auxiliary contacts according to UL B600 / R300  Protective and monitoring functions  trip class CLASS 10 design of the overload release ULICSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value at 480 V rated value 32 A Short-circuit protection  design of the fuse link of ros short-circuit protection of the auxiliary switch required  fustallation/mounting/dimensions  mounting position fastening method height depth 45 mm depth Contactor mounting destroad destroad A mm  Contactions/ Torminals  product component removable terminal for auxiliary and control circuit type of electrical connection  of or main current circuit efor auxiliary and control circuit  type of connectable conductor cross-sections of main contacts — solid or stranded — finely stranded with core end processing  1x (1 10 mm²)  1x (1 10 mm²)  1x (1 10 mm²)	• at 24 V	2 A
at 125 V at 220 V  at 220 V  be at 220 V  contact rating of auxiliary contacts according to UL  below / 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  at 800 V rated value  32 A  Short-circuit protection  design of the fuse link  for short-circuit protection of the auxiliary switch required  functing 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  102 mm  width  45 mm  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  spring-loaded terminals  rrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections  • for main current direction  • for main current circuit  spring-loaded terminals  Top and bottom  - for main contacts  - solid or stranded  - finely stranded with core end processing  1x (1 10 mm²)  1x (1 10 mm²)	• at 60 V	0.3 A
• at 220 V  contact rating of auxiliary contacts according to UL  Protective and monitoring functions  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  32 A  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  mounting position  fastening method  height  102 mm  depth  45 mm  depth  Connections/Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  type of connectable conductor ross-sections  • for main current 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  1x (1 10 mm²)  1x (1 6 mm²)	• at 110 V	0.22 A
contact rating of auxillary contacts according to UL  Protective and monitoring functions  trip class	• at 125 V	0.22 A
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 32 A  • at 600 V rated value 32 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 theight 45 mm  depth 45 mm  depth 45 mm  depth 45 mm  depth 84 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit spring-loaded terminals  type of electrical connection • for main current circuit spring-loaded 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  1x (1 10 mm²)  1x (1 6 mm²)	• 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 • at 600 V rated value  • at 600 V rated value	contact rating of auxiliary contacts according to UL	B600 / R300
design of the overload release  ULICSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  32 A  • at 600 V rated value  32 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  102 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 contects  • solid or stranded  — finely stranded with core end processing  1x (1 10 mm²)		
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value • at 600 V rated value  • 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 any fastening method Contactor mounting height 102 mm  width 45 mm  depth 84 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 contracts  - solid or stranded - finely stranded with core end processing  1x (1 10 mm²)  1x (1 6 mm²)	·	
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value 32 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 102 mm width 45 mm depth 84 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  32 A  4 Sincitation procession any  No  No  control circuit spring-loaded terminals  Top and bottom  1 x (1 10 mm²)  1 x (1 10 mm²)  1 x (1 6 mm²)		thermal
at 480 V rated value at 600 V rated value  5hort-circuit protection  design of the fuse link		
• 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  height  102 mm  width 45 mm  depth  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  1x (1 10 mm²)  1x (1 6 mm²)		00.4
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 102 mm width 45 mm depth 84 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit or for auxiliary and control circuit spring-loaded 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  1x (1 10 mm²) 1x (1 6 mm²)		
design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method height 102 mm width 45 mm depth Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection • for main current circuit • for auxiliary and control circuit  spring-loaded 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  fuse gG: 6 A, quick: 10 A  fuse gG: 6 A, quick: 10 A  fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation A  Installation A  Installation A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation A  Installation A  Installation A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ mounting fuse gG: 6 A, quick: 10 A  Installation/ moun		32 A
• for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method Contactor mounting height 102 mm width 45 mm depth 84 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  fuse gG: 6 A, quick: 10 A  Installation A, quick A, quick Installation A, quick		
Installation/ mounting/ dimensions  mounting position fastening method Contactor mounting height 102 mm width 45 mm depth 84 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  any any contactor mounting  No  No  To amm  No  To amm  No  To and bottom  1x (1 10 mm²) 1x (1 6 mm²)		funo aC: 6 A quink: 10 A
mounting position fastening method Contactor mounting height 102 mm width 45 mm depth 84 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  any  contactor mounting  No  No  Top and bottom  1x (1 10 mm²)  1x (1 6 mm²)		iuse go. o A, quion. To A
fastening method  height  102 mm  width  45 mm  depth  84 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  102 mm  No  No  Top and bottom  1x (1 10 mm²)  1x (1 6 mm²)		any
height 102 mm  width 45 mm  depth 84 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit spring-loaded terminals  • for auxiliary and control circuit spring-loaded 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  102 mm  No  No  Top and bottom		
width 45 mm  depth 84 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit spring-loaded terminals  • for auxiliary and control circuit spring-loaded 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  1x (1 10 mm²)		
depth 84 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit spring-loaded terminals  • for auxiliary and control circuit spring-loaded 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  1x (1 10 mm²)		
product component removable terminal for auxiliary and control circuit  type of electrical connection		
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  No  No  No  No  No  No  Spring-loaded terminals  Top and bottom  Top and bottom  1x (1 10 mm²)	-	
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  spring-loaded terminals  Top and bottom  Top and bottom  1x (1 10 mm²)	product component removable terminal for auxiliary and	No
<ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections</li> <li>for main contacts</li> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>spring-loaded terminals</li> <li>Top and bottom</li> <li>1x (1 10 mm²)</li> <li>1x (1 10 mm²)</li> <li>1x (1 6 mm²)</li> </ul>	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  Top and bottom  Top and bottom  1x (1 10 mm²)	for main current circuit	spring-loaded terminals
type of connectable conductor cross-sections  • for main contacts  — solid or stranded — finely stranded with core end processing  1x (1 10 mm²)  1x (1 6 mm²)	for auxiliary and control circuit	spring-loaded terminals
<ul> <li>◆ for main contacts</li> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>1x (1 10 mm²)</li> <li>1x (1 6 mm²)</li> </ul>	•	Top and bottom
<ul> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>1x (1 10 mm²)</li> <li>1x (1 6 mm²)</li> </ul>	type of connectable conductor cross-sections	
— finely stranded with core end processing 1x (1 6 mm²)	• for main contacts	
	— solid or stranded	1x (1 10 mm²)
— finely stranded without core end processing 1x (1 6 mm²)	<ul> <li>finely stranded with core end processing</li> </ul>	1x (1 6 mm²)
	<ul> <li>finely stranded without core end processing</li> </ul>	1x (1 6 mm²)
• for AWG cables for main contacts 1x (18 8)	<ul> <li>for AWG cables for main contacts</li> </ul>	1,, (10 0)
type of connectable conductor cross-sections	FIOLANTO CADICO IOI IIIAIII CONTACTO	IX (10 0)

• for auxiliary contacts - solid or stranded 2x (0.5 ... 2.5 mm<sup>2</sup>) - finely stranded with core end processing 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) - finely stranded without core end processing 2x (0.5 ... 1.5 mm<sup>2</sup>) • for AWG cables for auxiliary contacts 2x (20 ... 14) design of screwdriver shaft Diameter 3 mm size of the screwdriver tip 3,0 x 0,5 mm 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 20 a 61508 IP20 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 display version for switching status Slide switch

Certificates/ approvals

**General Product Approval** 

For use in hazardous locations

Confirmation











**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Special Test Certificate Type Test Certificates/Test Report





Marine / Shipping





LRS







Confirmation

other

## Railway

Vibration and Shock

## Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$ 

Siemens is working on the renewal of the current EAC certificates.

Please contact your ocal 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=3RU2126-4EC0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2126-4EC0

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

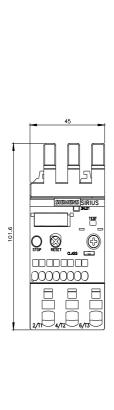
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4EC0

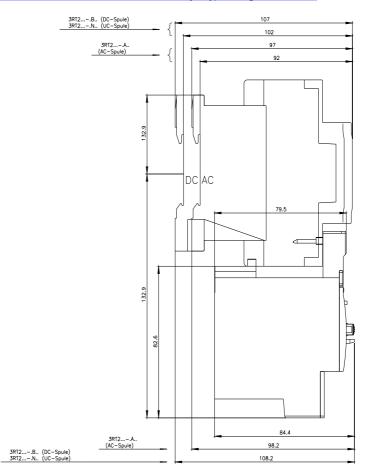
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

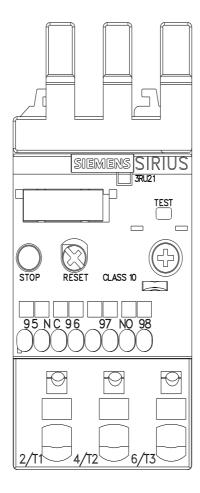
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2126-4EC0&lang=en

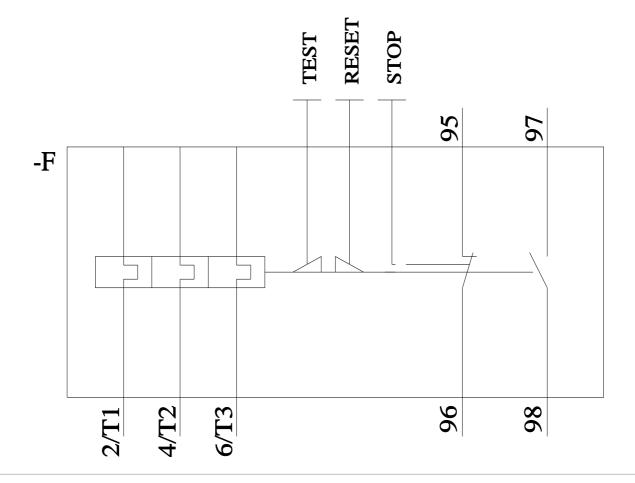
Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4EC0/char









last modified: 3/8/2022 🖸