## **SIEMENS**

Data sheet 3RU2126-1JB0



Overload relay 7.0...10 A Thermal For motor protection Size S0, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product type designation  general technical data size of overload relay size of contactor can be combined company-specific power loss [W] for rated value of the current at AC in hot operating state • per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between raccording to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport • during transport • during operation • during transport • during operation • 40 +60 °C trelative humidity during operation  Main circuit	product brand name	SIRIUS
Size of overload relay  size of contactor can be combined company-specific  power loss [VI] for rated value of the current at AC in hot operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  6 kV  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between main and suxiliary circuit  • between ratin and suxiliary circuit  • between main and suxiliary circuit  • between ratin and suxiliary circuit  • between main and suxiliary circuit  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  • between ratin and suxiliary circuit  • at 0 V  •	product designation	thermal overload relay
size of overload relay size of contactor can be combined company-specific power loss [W] for rated value of the current at AC in hot operating state • per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between find and in a coording to IEC 60068-2-27 8g / 11 ms  type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 FSubstance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • 55 +80 °C • during transport  temperature compensation relative humidity during operation  10 95 %	product type designation	3RU2
size of contactor can be combined company-specific  power loss [W] for rated value of the current at AC in hot operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • botween main and auxiliary circuit  • and v  • botween main and auxiliary circuit  • and v  •	General technical data	
power loss [W] for rated value of the current at AC in hot operating state  • per pole insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • By 11 ms   Ex II (2) GD  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  ambient temperature  • during operation  • 40 +70 °C  • during transport  • 55 +80 °C  temperature compensation  • 40 +60 °C  relative humidity during operation  10 95 %	size of overload relay	S0
operating state	size of contactor can be combined company-specific	S0
insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • between from a coording to IEC 60068-2-27  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • 400 V  • 20 GD  • 4000 m		6.6 W
surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 440 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • between main and auxiliary circuit  • 40 V  • 10 V  •	• per pole	2.2 W
maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • dup V  shock resistance according to IEC 60068-2-27	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • 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  pMT 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  ambient temperature  • during operation  • during storage  • during storage  • during transport  -55 +80 °C  • during transport  -40 +70 °C  relative humidity during operation  10 95 %	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit  shock resistance according to IEC 60068-2-27 8g / 11 ms  type of protection according to ATEX directive 2014/34/EU  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)  Ambient conditions  installation altitude at height above sea level maximum ambient temperature during operation during storage during transport during transport emperature compensation -40 +70 °C temperature compensation -40 +60 °C relative humidity during operation -40 +60 °C relative humidity during operation		
between main and auxiliary circuit between main and auxiliary circuit  between main and auxiliary circuit  shock resistance according to IEC 60068-2-27  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  pmt 98 ATEX G 001  reference code according to IEC 81346-2  F  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  during operation  during storage  during transport  during transport  -55 +80 °C  temperature compensation  relative humidity during operation  10 95 %	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
between main and auxiliary circuit      shock resistance according to IEC 60068-2-27      type of protection according to ATEX directive 2014/34/EU     certificate of suitability according to ATEX directive 2014/34/EU     DMT 98 ATEX G 001      reference code according to IEC 81346-2     Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature      during operation     during storage     during transport  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
shock resistance according to IEC 60068-2-27  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  pmt 98 ATEX G 001  reference code according to IEC 81346-2  F Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  during operation  during storage  during transport  temperature compensation  -40 +70 °C  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %	<ul> <li>between main and auxiliary circuit</li> </ul>	440 V
type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  pmt 98 ATEX G 001  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  o during operation  during storage  o during transport  temperature compensation  temperature compensation  -40 +70 °C  -55 +80 °C  -55 +80 °C  -50 +80 °C	between main and auxiliary circuit	440 V
certificate of suitability according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  • during transport  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during storage • during transport  -55 +80 °C  • during transport  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport • during transport  -55 +80 °C  • temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport • during transport  temperature compensation  -40 +70 °C  -55 +80 °C  -55 +80 °C  10 +60 °C	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  • during transport  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  2 000 m  -40 +70 °C  -55 +80 °C  10 95 %	Substance Prohibitance (Date)	10/01/2009
ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  • during transport  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %	Ambient conditions	
<ul> <li>during operation</li> <li>during storage</li> <li>temperature compensation</li> <li>during transport</li> <li>temperature compensation</li> <li>during transport</li> <li>95 +80 °C</li> <li>+60 °C</li> <li>relative humidity during operation</li> <li>95 %</li> </ul>	installation altitude at height above sea level maximum	2 000 m
<ul> <li>during storage</li> <li>during transport</li> <li>55 +80 °C</li> <li>temperature compensation</li> <li>relative humidity during operation</li> <li>-55 +80 °C</li> <li>40 +60 °C</li> <li>10 95 %</li> </ul>	ambient temperature	
<ul> <li>◆ during transport</li> <li>-55 +80 °C</li> <li>temperature compensation</li> <li>-40 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> </ul>	<ul> <li>during operation</li> </ul>	-40 +70 °C
temperature compensation -40 +60 °C relative humidity during operation 10 95 %	during storage	-55 +80 °C
relative humidity during operation 10 95 %	during transport	-55 +80 °C
	temperature compensation	-40 +60 °C
Main circuit	relative humidity during operation	10 95 %
	Main circuit	
number of poles for main current circuit 3	number of poles for main current circuit	3
adjustable current response value current of the current- dependent overload release 7 10 A		7 10 A
operating voltage	operating voltage	
• rated value 690 V	rated value	690 V
• at AC-3e rated value maximum 690 V	at AC-3e rated value maximum	690 V
operating frequency rated value 50 60 Hz	operating frequency rated value	50 60 Hz
operational current rated value 10 A	operational current rated value	10 A
operational current at AC-3e at 400 V rated value 10 A	operational current at AC-3e at 400 V rated value	10 A
operating power	operating power	

• at AC-3			
● at AC-3 — at 400 V rated value	A NW		
— at 500 V rated value	4 kW		
	5.5 kW		
— at 690 V rated value  • at AC-3e	7.5 kW		
	A DAM		
— at 400 V rated value	4 kW		
<ul><li>— at 500 V rated value</li><li>— at 690 V rated value</li></ul>	5.5 kW 7.5 kW		
Auxiliary circuit	7.5 KW		
design of the auxiliary switch	integrated		
number of NC contacts for auxiliary contacts	1		
• note	for contactor disconnection		
number of NO contacts for auxiliary contacts	1		
• note	for message "Tripped"		
number of CO contacts for auxiliary contacts	0		
operational current of auxiliary contacts at AC-15			
● at 24 V	3 A		
• at 110 V	3 A		
• at 120 V	3 A		
• at 125 V	3 A		
• at 230 V	2 A		
• at 400 V	1 A		
• at 690 V	0.75 A		
operational current of auxiliary contacts at DC-13			
• at 24 V	2 A		
• at 60 V	0.3 A		
• at 110 V	0.22 A		
• at 125 V	0.22 A		
• at 220 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	thermal		
UL/CSA ratings			
full-load current (FLA) for 3-phase AC motor			
full-load current (FLA) for 3-phase AC motor • at 480 V rated value	10 A		
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value	10 A 10 A		
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection			
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link	10 A		
full-load current (FLA) for 3-phase AC motor  • at 480 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			
full-load current (FLA) for 3-phase AC motor  • at 480 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	10 A fuse gG: 6 A, quick: 10 A		
full-load current (FLA) for 3-phase AC motor  • at 480 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	10 A fuse gG: 6 A, quick: 10 A any		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method	10 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  depth	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  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	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No  Screw-type terminals screw-type terminals		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  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	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No  screw-type terminals screw-type terminals		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  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	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm No  Screw-type terminals screw-type terminals		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  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	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  screw-type terminals screw-type terminals Top and bottom		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  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	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  Screw-type terminals screw-type terminals Top and bottom  2x (1 2.5 mm²), 2x (2.5 10 mm²)		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  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	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  No  screw-type terminals screw-type terminals Top and bottom  2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²		
full-load current (FLA) for 3-phase AC motor  • at 480 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  fastening method  height  width  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	fuse gG: 6 A, quick: 10 A  any Contactor mounting 85 mm 45 mm 85 mm  No  No  screw-type terminals screw-type terminals Top and bottom  2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²		

<ul> <li>— solid or stranded</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (20 16), 2x (18 14)		
tightening torque			
<ul> <li>for main contacts with screw-type terminals</li> </ul>	2 2.5 N·m		
<ul> <li>for auxiliary contacts with screw-type terminals</li> </ul>	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		
<ul> <li>of the auxiliary and control contacts</li> </ul>	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			
General Product Approval		For use in hazardous locations	

Confirmation











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**Declaration of Conformity** 

**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=3RU2126-1JB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2126-1JB0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-1JB0

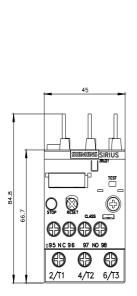
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

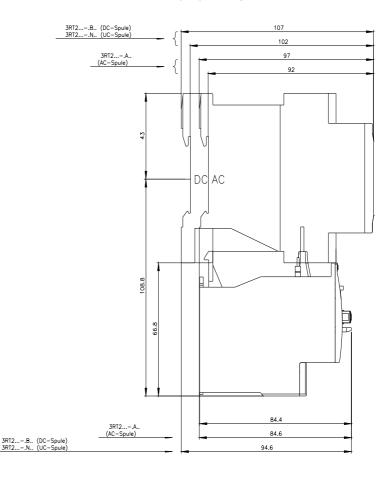
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2126-1JB0&lang=en

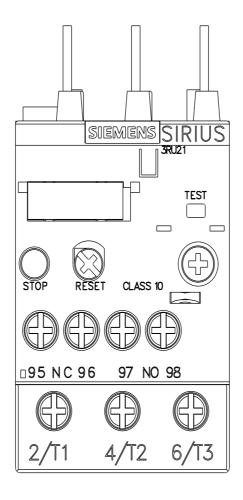
Characteristic: Tripping characteristics, I2t, Let-through current

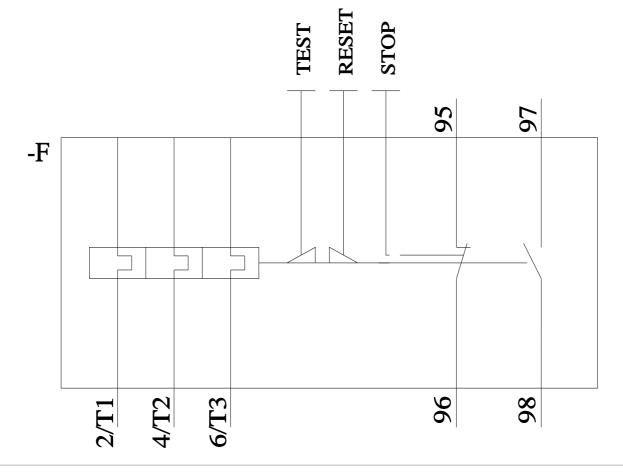
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-1JB0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2126-1JB0&objecttype=14&gridview=view1









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