SIEMENS

Data sheet 3RU2126-4FB1



Overload relay 34...40 A Thermal For motor protection Size S0, Class 10 Standalone installation Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

| product type designation 3RU2 General tochnical data size of overload relay Size of coverload Size Overload Size Ove | product brand name | SIRIUS |
|--|---|------------------------|
| Size of overload relay Size of contactor can be combined company-specific So power loss [W] for rated value of the current at AC in hot operating state • per pole • per pole Insulation voltage with degree of pollution 3 at AC rated value Surge voltage resistance rated value • per pole Gk V Insulation voltage with degree of pollution 3 at AC rated value Surge voltage resistance rated value • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between rate according to IEC 60088-2-27 If ype of protection according to ATEX directive 2014/34/EU Certificate of suitability according to ATEX directive 2014/34/EU Certificate of suitability according to ATEX directive 2014/34/EU Substance Prohibitance (Date) Involvement of the state of th | product designation | thermal overload relay |
| size of contactor can be combined company-specific S0 power loss [M] for rated value of the current at AC in hot operating state • per pole 3.2 W insulation voltage with degree of pollution 3 at AC rated value 680 V maximum permissible voltage for protective separation in networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between final for the company of the | product type designation | 3RU2 |
| size of contactor can be combined company-specific power loss [VI] for rated value of the current at AC in hot operating state | General technical data | |
| power loss [W] for rated value of the current at AC in hot operating state • per pole • per pole insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 680 V surge voltage resistance rated value • fix • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • bot was a surject of the county of the current of the current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current response value current of the current of the current response value current of the current response value current of the current response value current response value of the current response value current response value current response value current response value current of the current respon | size of overload relay | S0 |
| 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 • during storage • during operation • during storage • during prasport • during storage • during transport • during storage • during transport • during transport • during transport • during transport • during operation • during transport • during operation • during transport • during operation • durin | 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 auxillary and auxiliary circuit • between main and auxiliary circuit • space of protection according to IEC 60068-2-27 • Bg/11 ms type of protection according to IEC 81346-2 F Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum • during operation • during storage • during storage • during transport • during diperation • during transport • during diperation • during diperation • during transport • during transp | | 9.6 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 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 preference code according to IEC 81346-2 F Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum • during operation • during storage • during transport -55 +80 °C • during transport temperature compensation • during operation • during operati | • per pole | 3.2 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 • shock resistance according to IEC 60068-2-27 • type of protection according to ATEX directive 2014/34/EU • Extil (2) GD certificate of suitability according to ATEX directive 2014/34/EU perference code according to IEC 81346-2 F Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum • during operation • during storage • during storage • during transport -55 +80 °C temperature compensation • 40 +70 °C • during transport -55 +80 °C temperature compensation • 40 +60 °C relative humidity during operation Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operational current at AC-3e at 400 V rated value operating frequency rated value operating frequency rated value operating frequency rated value operating requency rated value operating frequency rated value operating requency rated value operational current at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value | insulation voltage with degree of pollution 3 at AC rated value | 690 V |
| networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • shock resistance according to IEC 60068-2-27 • gg / 11 ms type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU 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 • during transport -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 operating voltage • rated value • at AC-3e rated value • at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value 40 A operational current at AC-3e at 400 V rated value 40 A | surge voltage resistance rated value | 6 kV |
| between auxiliary and auxiliary circuit between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms between main and auxiliary circuit corrected by 11 ms corrected by 11 ms corrected by 11 ms between main and auxiliary circuit corrected by 11 ms corrected by 11 ms corrected by 11 ms between main and auxiliary circuit corrected by 11 ms corrected b | | |
| 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 reference code according to IEC 81346-2 Fubstance 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 +70 °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 adjustable current response value current of the current-dependent overload release operating voltage 1 at AC-3e rated value 1 at AC-3e at 400 V rated value 40 A operational current at AC-3e at 400 V rated value 40 A | between auxiliary and auxiliary circuit | 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 preference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum during operation during storage during transport eduring transport eduring transport temperature compensation relative humidity during operation Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage e rated value at AC-3e rated value operational current rated value operational current rated value operational current rated value operational current rated value 40 A operational current rated value 40 A operational current at AC-3e at 400 V rated value 40 A | between auxiliary and auxiliary circuit | 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 pm 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 temperature compensation relative humidity during operation aliquity during operation aliquity during operation aliquitable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value operational current rated value 40 A operational current rated value 40 A | between main and auxiliary circuit | 440 V |
| type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU pmf 98 ATEX G 001 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2009 Ambient conditions installation altitude at height above sea level maximum 40 during operation 40 +70 °C 40 during storage 40 +70 °C 40 during transport 55 +80 °C 40 during transport 40 +60 °C relative humidity during operation 410 95 % Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage 1090 V 1 | 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 temperature compensation relative humidity during operation Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release • at AC-3e rated value • at AC-3e rated value operational current rated value 40 A 40 A | 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 transport • during transport • during transport • during operation • 40 +70 °C • during transport • 55 +80 °C • during transport • 75 +80 °C • at AC +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 operating voltage • rated value • at AC -3e rated value maximum • 690 V operating frequency rated value operational current rated value 40 A operational current at AC -3e at 400 V rated value 40 A | 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 storage • during transport -55 +80 °C • during transport -55 +80 °C temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operational current rated value operational current at AC-3e at 400 V rated value 40 A operational current at AC-3e at 400 V rated value 40 A | 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 • during transport • 55 +80 °C • during transport • 755 +80 °C • during transport • 750 +80 °C • 34 +60 °C • during transport • 750 +80 °C • 34 +60 °C • 35 +80 °C • 40 +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 relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operational current rated value operational current at AC-3e at 400 V rated value 40 A operational current at AC-3e at 400 V rated value 40 A | Substance Prohibitance (Date) | 10/01/2009 |
| ambient temperature • during operation • during storage • during storage • during transport -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 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 40 A operational current at AC-3e at 400 V rated value 40 A | Ambient conditions | |
| during operation during storage during transport 55 +80 °C temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operating frequency rated value operational current at AC-3e at 400 V rated value 40 A | installation altitude at height above sea level maximum | 2 000 m |
| • during storage • during transport • during transport • during transport • during transport • 255 +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 operating voltage • rated value • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 40 A operational current at AC-3e at 400 V rated value 40 A | ambient temperature | |
| 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 adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value operational current at AC-3e at 400 V rated value | during operation | -40 +70 °C |
| temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value 40 A operational current at AC-3e at 400 V rated value 40 A | during storage | -55 +80 °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 operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 40 A | during transport | -55 +80 °C |
| number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 40 A | temperature compensation | -40 +60 °C |
| number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 40 A | relative humidity during operation | 10 95 % |
| adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 40 A | Main circuit | |
| dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 40 A | number of poles for main current circuit | 3 |
| rated value at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 40 A operational current at AC-3e at 400 V rated value 40 A | | 34 40 A |
| at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 40 A | operating voltage | |
| operating frequency rated value 50 60 Hz operational current rated value 40 A operational current at AC-3e at 400 V rated value 40 A | rated value | 690 V |
| operational current rated value 40 A operational current at AC-3e at 400 V rated value 40 A | at AC-3e rated value maximum | 690 V |
| operational current at AC-3e at 400 V rated value 40 A | operating frequency rated value | 50 60 Hz |
| | operational current rated value | 40 A |
| operating power | operational current at AC-3e at 400 V rated value | 40 A |
| rran oran | operating power | |

| • at AC-3 | |
|--|--|
| — at 400 V rated value | 18.5 kW |
| — at 500 V rated value | 22 kW |
| — at 690 V rated value | 37 kW |
| • at AC-3e | |
| — at 400 V rated value | 18.5 kW |
| — at 500 V rated value | 22 kW |
| — at 690 V rated value | 37 kW |
| Auxiliary circuit | |
| 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 | |
| Protective and monitoring functions trip class | CLASS 10 |
| trip class | |
| trip class design of the overload release | CLASS 10 thermal |
| trip class design of the overload release UL/CSA ratings | |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value | thermal 40 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 | thermal |
| 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 Short-circuit protection | thermal 40 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 Short-circuit protection design of the fuse link | thermal 40 A 40 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 Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required | thermal 40 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 Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions | thermal 40 A 40 A fuse gG: 6 A, quick: 10 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 Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation |
| 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 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 | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No Screw-type terminals screw-type terminals |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No Screw-type terminals screw-type terminals |
| 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 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 | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No screw-type terminals screw-type terminals Top and bottom |
| 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 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 | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No No screw-type terminals screw-type terminals Top and bottom 1x (1 2,5 mm²), 1x (2,5 10 mm²) |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No No screw-type terminals screw-type terminals Top and bottom 1x (1 2,5 mm²), 1x (2,5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No Screw-type terminals screw-type terminals Top and bottom 1x (1 2,5 mm²), 1x (2,5 10 mm²) |
| trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor | thermal 40 A 40 A fuse gG: 6 A, quick: 10 A any stand-alone installation 97 mm 45 mm 95 mm No No screw-type terminals screw-type terminals Top and bottom 1x (1 2,5 mm²), 1x (2,5 10 mm²) 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



IECEx

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)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU2126-4FB1}$

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2126-4FB1

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

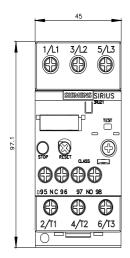
https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4FB1

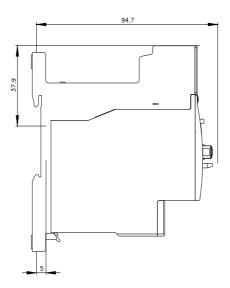
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

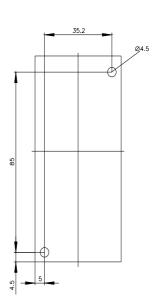
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2126-4FB1&lang=en

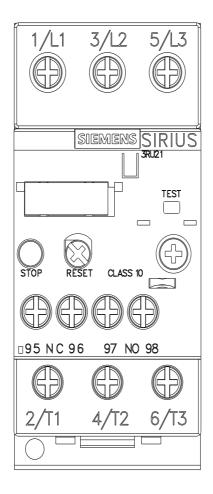
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RU2126-4FB1/char

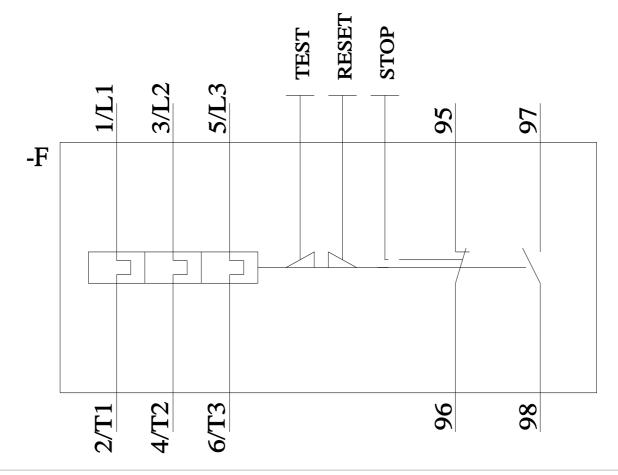
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2126-4FB1&objecttype=14&gridview=view1











last modified: 3/8/2022 🖸