SIEMENS

Data sheet 3RU2146-4LB0



Overload relay 70...90 A Thermal For motor protection Size S3, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

| product brand name | SIRIUS |
|--------------------------|------------------------|
| Product designation | thermal overload relay |
| Product type designation | 3RU2 |

| General technical data | |
|--|---------|
| Size of overload relay | S3 |
| Size of contactor can be combined company-specific | S3 |
| Power loss [W] for rated value of the current | |
| at AC in hot operating state | 21 W |
| at AC in hot operating state per pole | 7 W |
| Insulation voltage with degree of pollution 3 at AC rated value | 1 000 V |
| Surge voltage resistance rated value | 8 kV |
| maximum permissible voltage for safe isolation | |
| in networks with grounded star point between auxiliary and auxiliary circuit | 440 V |
| in networks with grounded star point between auxiliary and auxiliary circuit | 440 V |
| in networks with grounded star point between main and auxiliary circuit | 440 V |

| in networks with grounded star point between main and auxiliary circuit | 440 V |
|---|-----------------------------|
| • protection class IP on the front | IP20 |
| Protection class IP of the terminal | IP00 |
| Shock resistance | |
| • acc. to IEC 60068-2-27 | 8g / 11 ms |
| Recovery time | |
| after overload trip with automatic reset typical | 10 min |
| after overload trip with remote-reset | 10 min |
| after overload trip with manual reset | 10 min |
| 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 acc. to DIN EN 81346-2 | F |
| Ambient conditions | |
| Installation altitude at height above sea level | |
| • maximum | 2 000 m |
| Ambient temperature | |
| during operation | -40 +70 °C |
| during storage | -55 +80 °C |
| during transport | -55 +80 °C |
| Temperature compensation | -40 +60 °C |
| Relative humidity during operation | 10 95 % |
| Main circuit | |
| Number of poles for main current circuit | 3 |
| adjustable pick-up value current of the current- | 70 90 A |
| dependent overload release | |
| Operating voltage | |
| • rated value | 690 V |
| at AC-3 rated value maximum | 690 V |
| Operating frequency rated value | 50 60 Hz |
| Operating current rated value | 90 A |
| 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 |

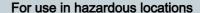
| operating current of auxiliary contacts at AC-15 at 24 V | 3 A |
|---|---|
| Operating current of auxiliary contacts at AC-15 at 110 V | 3 A |
| Operating current of auxiliary contacts at AC-15 at 120 V | 3 A |
| Operating current of auxiliary contacts at AC-15 at 125 V | 3 A |
| Operating current of auxiliary contacts at AC-15 at 230 V | 2 A |
| operating current of auxiliary contacts at AC-15 at 400 V | 1 A |
| operating current of auxiliary contacts at DC-13 at 24 V | 2 A |
| Operating current of auxiliary contacts at DC-13 at 60 V | 0.3 A |
| Operating current of auxiliary contacts at DC-13 at 110 V | 0.22 A |
| operating current of auxiliary contacts at DC-13 at 125 V | 0.22 A |
| Operating current of auxiliary contacts at DC-13 at 220 V | 0.11 A |
| Design of the miniature circuit breaker | |
| for short-circuit protection of the auxiliary switch required | 6A (SCC less than equal to 0.5 kA; U less than equal to 260V) |
| 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 three-phase AC motor | |
| • at 480 V rated value | 77 A |
| • at 600 V rated value | 77 A |
| Short-circuit protection | |
| Design of the fuse link | |
| • for short-circuit protection of the main circuit | |
| — with type of coordination 1 required | gG: 250 A |
| with type of assignment 2 required | gG: 160 A |
| • for short-circuit protection of the auxiliary switch required | fuse gG: 6 A, quick: 10 A |
| Installation/ mounting/ dimensions | |
| mounting position | any |
| | |

| Height 105 mm 70 mm 125 mm 12 | Mounting type | Contactor mounting |
|--|---|---|
| Connections/ Terminals Product function • removable terminal for auxiliary and control circuit • Type of electrical connection for main current circuit • Type of electrical connection for auxiliary and control current circuit Arrangement of electrical connectors for main current circuit Type of connectable conductor cross-sections • for main contacts — solid — stranded — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts Tightening torque • for main contacts for ring cable lug • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for for main contacts with screw-type terminals • for for auxiliary contacts • for for auxiliary contacts • for for auxiliary contacts • for for main contacts with screw-type terminals • for pauxiliary contacts • for for pauxiliary contacts • for for auxiliary contacts • f | Height | 105 mm |
| Product function • removable terminal for auxiliary and control circuit • Type of electrical connection for main current circuit • Type of electrical connection for auxiliary and control current circuit • Type of electrical connection for auxiliary and control current circuit Arrangement of electrical connectors for main current circuit Type of connectable conductor cross-sections • for main contacts — solid — stranded — single or multi-stranded — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts Tightening torque • for main contacts for ring cable lug • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts — for main contacts — for main contacts — finely stranded with core end processing • at AWG conductors for auxiliary contacts — for main contacts — finely stranded — finely stra | Width | 70 mm |
| Product function • removable terminal for auxiliary and control circuit • Type of electrical connection for main current circuit • Type of electrical connection for auxiliary and control current circuit Arrangement of electrical connectors for main current circuit Top and bottom Type of connectable conductor cross-sections • for main contacts — solid — stranded — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts Tightening torque • for main contacts for ring cable lug Outer diameter of the usable ring cable lug maximum Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for for main cont | Depth | 125 mm |
| removable terminal for auxiliary and control circuit Type of electrical connection for main current circuit Type of electrical connection for auxiliary and control current circuit Trangement of electrical connectors for main current circuit Trangement of electrical connectors for main current circuit Top and bottom Top and | Connections/ Terminals | |
| circuit • Type of electrical connection for main current circuit • Type of electrical connection for auxiliary and control current circuit Arrangement of electrical connectors for main current circuit Type of connectable conductor cross-sections • for main contacts — solid — stranded — single or multi-stranded — finely stranded with core end processing • at AVMC conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AVMC conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AVMC conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AVMC conductors for auxiliary contacts Tightening torque • for main contacts for ring cable lug • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts • for main c | Product function | |
| circuit Type of electrical connection for auxiliary and control current circuit Arrangement of electrical connectors for main current circuit Type of connectable conductor cross-sections for main contacts single or multi-stranded finely stranded with core end processing at AWG conductors for main contacts for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for main contacts for auxiliary contacts for auxiliary contacts for main contacts for fing cable lug at AWG conductors for auxiliary contacts for main contacts for ring cable lug for main contacts for ring cable lug maximum for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals for auxiliary contacts with screw-type terminals for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals for main contacts M8 defended auxiliary and control contacts M8 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 | | No |
| Arrangement of electrical connectors for main current circuit Type of connectable conductor cross-sections • for main contacts — solid — stranded — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts Tightening torque • for main contacts for ring cable lug Outer diameter of the usable ring cable lug maximum Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts • of the screwdriver tip Design of the thread of the connection screw • for main contacts • of the proof test interval or service life acc. to IEC 61508 | | screw-type terminals |
| circuit Type of connectable conductor cross-sections • for main contacts — solid — stranded — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts 2x (0.5 1,5 mm²), 2x (0.75 2,5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) Tightening torque • for main contacts for ring cable lug 4.5 6 N·m Outer diameter of the usable ring cable lug maximum Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts • for main con | | screw-type terminals |
| • for main contacts — solid — stranded — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for main contacts Type of connectable conductor cross-sections • for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (20 16), 2x (18 14) Tightening torque • for main contacts for ring cable lug 4.5 6 N·m Outer diameter of the usable ring cable lug maximum Tightening torque • for auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts A mm hexagon socket Design of the thread of the connection screw • for main contacts • for main contacts M8 N3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | - | Top and bottom |
| - solid - stranded - stranded - single or multi-stranded - finely stranded with core end processing - at AWG conductors for main contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for main contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductor cross-sections - for auxiliary contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for auxiliary contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for auxiliary contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for auxiliary contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for auxiliary contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for auxiliary contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for auxiliary contacts - single or multi-stranded - single or multi-s | Type of connectable conductor cross-sections | |
| stranded single or multi-stranded finely stranded with core end processing at AWG conductors for main contacts for auxiliary contacts finely stranded with core end processing at AWG conductors for main contacts single or multi-stranded finely stranded with core end processing for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for auxiliary contacts single or multi-stranded finely stranded with core end processing at AWG conductors for auxiliary contacts finely stranded with core end processing at AWG conductors for auxiliary contacts single or multi-stranded finely stranded fi | • for main contacts | |
| - single or multi-stranded - finely stranded with core end processing - at AWG conductors for main contacts 2x (2.5 35 mm²), 1x (10 70 mm²) 2x (2.5 35 mm²), 1x (2.5 50 mm²) 2x (10 1/0), 1x (10 2/0) Type of connectable conductor cross-sections - for auxiliary contacts - single or multi-stranded - finely stranded with core end processing - at AWG conductors for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) Tightening torque - for main contacts for ring cable lug - for main contacts with screw-type terminals - for auxiliary and control contacts - for main contacts - for ma | — solid | 2x (2.5 16 mm²) |
| - finely stranded with core end processing • at AWG conductors for main contacts Type of connectable conductor cross-sections • for auxiliary contacts - single or multi-stranded - finely stranded with core end processing • at AWG conductors for auxiliary contacts - single or multi-stranded - finely stranded with core end processing • at AWG conductors for auxiliary contacts 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) - 2x (0,5 1, | — stranded | 2x (6 16 mm²), 2x (10 50 mm²), 1x (10 70 mm²) |
| at AWG conductors for main contacts 2x (10 1/0), 1x (10 2/0) Type of connectable conductor cross-sections • for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2,5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) Tightening torque • for main contacts for ring cable lug • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts • for main contacts • of the screwdriver tip Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | — single or multi-stranded | 2x (2,5 50 mm²), 1x (10 70 mm²) |
| Type of connectable conductor cross-sections • for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) Tightening torque • for main contacts for ring cable lug • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals Design of screwdriver shaft Hexagonal socket Size of the screwdriver tip Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 • of the auxiliary and control contacts M8 T1 value for proof test interval or service life acc. to IEC 61508 Display | finely stranded with core end processing | 2x (2.5 35 mm²), 1x (2.5 50 mm²) |
| • for auxiliary contacts — single or multi-stranded — finely stranded with core end processing • at AWG conductors for auxiliary contacts Tightening torque • for main contacts for ring cable lug • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts Size of the screwdriver tip Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | at AWG conductors for main contacts | 2x (10 1/0), 1x (10 2/0) |
| single or multi-stranded finely stranded with core end processing finely stranded with core end processing at AWG conductors for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) Tightening torque for main contacts for ring cable lug for main contacts for ring cable lug maximum Tightening torque for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals for auxiliary contacts with screw-type terminals for auxiliary contacts with screw-type terminals for main contacts for mai | Type of connectable conductor cross-sections | |
| - finely stranded with core end processing • at AWG conductors for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14) Tightening torque • for main contacts for ring cable lug 4.5 6 N·m Outer diameter of the usable ring cable lug maximum Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals Design of screwdriver shaft Size of the screwdriver tip Design of the thread of the connection screw • for main contacts • for main contacts M8 • of the auxiliary and control contacts M8 T1 value for proof test interval or service life acc. to IEC 61508 Display | for auxiliary contacts | |
| at AWG conductors for auxiliary contacts 2x (20 16), 2x (18 14) Tightening torque for main contacts for ring cable lug 4.5 6 N·m Outer diameter of the usable ring cable lug maximum 19 mm Tightening torque for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals As 6 N·m 0.8 1.2 N·m Hexagonal socket Size of the screwdriver tip Design of the thread of the connection screw for main contacts for main contacts M8 of the auxiliary and control contacts M3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | — single or multi-stranded | 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) |
| Tightening torque • for main contacts for ring cable lug Outer diameter of the usable ring cable lug maximum 19 mm Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals Design of screwdriver shaft Size of the screwdriver tip Design of the thread of the connection screw • for main contacts • for main contacts M8 • of the auxiliary and control contacts M3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | finely stranded with core end processing | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) |
| • for main contacts for ring cable lug Outer diameter of the usable ring cable lug maximum Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals Os 1.2 N·m Design of screwdriver shaft Size of the screwdriver tip Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | at AWG conductors for auxiliary contacts | 2x (20 16), 2x (18 14) |
| Outer diameter of the usable ring cable lug maximum Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals O.8 1.2 N·m Design of screwdriver shaft Size of the screwdriver tip Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 T1 value for proof test interval or service life acc. to IEC 61508 Display | Tightening torque | |
| Tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m Design of screwdriver shaft Hexagonal socket Size of the screwdriver tip 4 mm hexagon socket Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | for main contacts for ring cable lug | 4.5 6 N·m |
| • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • Design of screwdriver shaft • Hexagonal socket • Man hexagon socket Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 M3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | Outer diameter of the usable ring cable lug maximum | 19 mm |
| • for auxiliary contacts with screw-type terminals Design of screwdriver shaft Size of the screwdriver tip Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 T1 value for proof test interval or service life acc. to IEC 61508 Display O.8 1.2 N·m Hexagonal socket M8 4 mm hexagon socket M8 02 4 mm hexagon socket M8 20 20 20 20 20 20 20 20 20 2 | Tightening torque | |
| Design of screwdriver shaft Size of the screwdriver tip 4 mm hexagon socket Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | for main contacts with screw-type terminals | 4.5 6 N·m |
| Size of the screwdriver tip Design of the thread of the connection screw of or main contacts of the auxiliary and control contacts M8 M3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | • for auxiliary contacts with screw-type terminals | 0.8 1.2 N·m |
| Design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M8 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | | |
| for main contacts of the auxiliary and control contacts M8 M3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | · | 4 mm hexagon socket |
| of the auxiliary and control contacts M3 Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | | |
| Safety related data T1 value for proof test interval or service life acc. to IEC 61508 Display | | |
| T1 value for proof test interval or service life acc. to IEC 61508 Display | of the auxiliary and control contacts | M3 |
| Display | | |
| | | 20 y |
| | Display | |
| | | |

Slide switch

Certificates/ approvals

General Product Approval













IECEx



Declaration of Conformity

Test Certificates

Marine / Shipping



Miscellaneous

Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping

other

Railway







Confirmation

Special Test Certificate

Further information

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=3RU2146-4LB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2146-4LB0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RU2146-4LB0

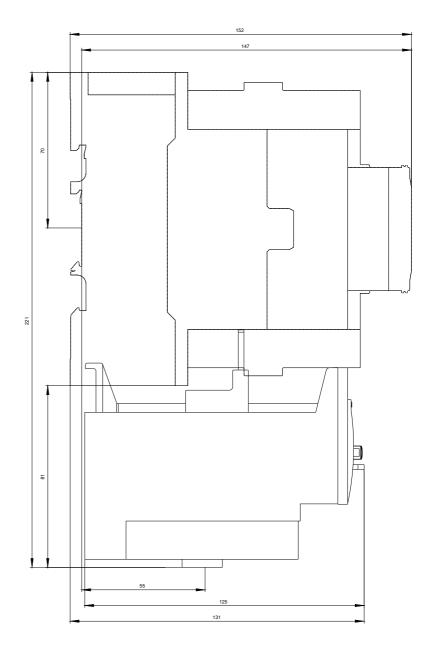
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2146-4LB0&lang=en

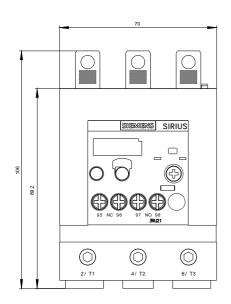
Characteristic: Tripping characteristics, I2t, Let-through current

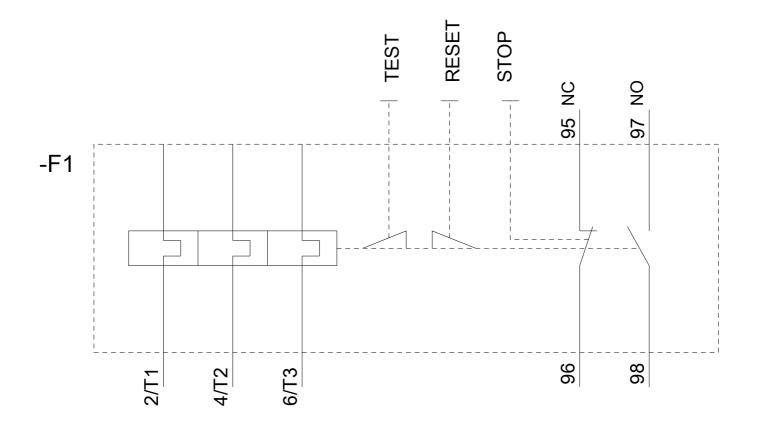
https://support.industry.siemens.com/cs/ww/en/ps/3RU2146-4LB0/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2146-4LB0&objecttype=14&gridview=view1







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