

OVERLOAD RELAY, 11...16 A, 1NO+1NC, SIZE S0, CLASS 10,
FOR CONTACTOR MOUNTING



Figure similar

| | |
|---|------------------------|
| Product brand name | SIRIUS |
| Product designation | thermal overload relay |
| General technical data | |
| Size of overload relay | S0 |
| Size of contactor can be combined company-specific | S0 |
| Power loss [W] total typical | 6 W |
| Insulation voltage with degree of pollution 3 rated value | 690 V |
| Surge voltage resistance rated value | 6 kV |
| Protection class IP | |
| • on the front | IP20 |
| Type of protection | DMT 98 ATEX G 001 |
| Protection against electrical shock | finger-safe |
| Equipment marking acc. to DIN EN 81346-2 | F |
| Ambient conditions | |
| Ambient temperature | |
| • during operation | -20 ... +70 °C |

- during storage
- during transport

-55 ... +80 °C

-55 ... +80 °C

Main circuit

| | |
|---|-------------|
| Number of poles for main current circuit | 3 |
| Adjustable pick-up value current of the current-dependent overload release | 11 ... 16 A |
| Operating voltage | |
| <ul style="list-style-type: none"> • at AC-3 rated value maximum | 690 V |

Auxiliary circuit

| | |
|---|--|
| Number of NC contacts | |
| <ul style="list-style-type: none"> • for auxiliary contacts | 1 |
| Number of NO contacts | |
| <ul style="list-style-type: none"> • for auxiliary contacts | 1 |
| Number of CO contacts | |
| <ul style="list-style-type: none"> • for auxiliary contacts | 0 |
| Operating current of auxiliary contacts at AC-15 | |
| <ul style="list-style-type: none"> • at 24 V • at 110 V • at 120 V • at 125 V • at 230 V • at 400 V | 3 A 3 A 3 A 3 A 2 A 1 A |
| Operating current of auxiliary contacts at DC-13 | |
| <ul style="list-style-type: none"> • at 24 V • at 110 V • at 125 V • at 220 V | 1 A 0.22 A 0.22 A 0.11 A |

Protective and monitoring functions

| | |
|-------------------|----------|
| Trip class | CLASS 10 |
|-------------------|----------|

Short-circuit protection

| | |
|---|------------------------------|
| Design of the fuse link | |
| <ul style="list-style-type: none"> • for short-circuit protection of the auxiliary switch required | fuse gL/gG: 6 A, quick: 10 A |

Installation/ mounting/ dimensions

| | |
|--------------------------|---|
| Mounting position | with vertical mounting surface +/-135° rotatable, with vertical mounting surface +/- 45° tiltable to the front and back |
| Mounting type | direct mounting |
| Height | 97 mm |
| Width | 45 mm |
| Depth | 96 mm |
| Required spacing | |

| | |
|------------------------------|------|
| • with side-by-side mounting | |
| — forwards | 0 mm |
| — Backwards | 0 mm |
| — upwards | 0 mm |
| — downwards | 0 mm |
| — at the side | 0 mm |
| • for grounded parts | |
| — forwards | 0 mm |
| — Backwards | 0 mm |
| — upwards | 0 mm |
| — at the side | 6 mm |
| — downwards | 0 mm |
| • for live parts | |
| — forwards | 0 mm |
| — Backwards | 0 mm |
| — upwards | 0 mm |
| — downwards | 0 mm |
| — at the side | 6 mm |

Connections/Terminals

| | |
|--|---|
| Product function | |
| • removable terminal for auxiliary and control circuit | No |
| Type of electrical connection | |
| • for main current circuit | screw-type terminals |
| • for auxiliary and control current circuit | screw-type terminals |
| Type of connectable conductor cross-sections | |
| • for main contacts | |
| — solid | 2x (1 ... 2.5 mm ²), 2x (2.5 ... 10 mm ²) |
| — finely stranded with core end processing | 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²), 1x 10 mm ² |
| • at AWG conductors for main contacts | 2x (16 ... 12), 2x (14 ... 8) |
| Type of connectable conductor cross-sections | |
| • for auxiliary contacts | |
| — solid | 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) |
| — finely stranded with core end processing | 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) |
| • at AWG conductors for auxiliary contacts | 2x (20 ... 16), 2x (18 ... 14) |

Certificates/approvals

| | |
|--------------------------|--------------------------------|
| General Product Approval | For use in hazardous locations |
|--------------------------|--------------------------------|



| | | |
|---------------------------|-------------------|-------------------|
| Declaration of Conformity | Test Certificates | Marine / Shipping |
|---------------------------|-------------------|-------------------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



| | |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|



[Environmental Confirmations](#)

[Miscellaneous](#)

| |
|-------|
| other |
|-------|

[Confirmation](#)

| |
|---------------------|
| Further information |
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Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU1126-4AB0>

Cax online generator

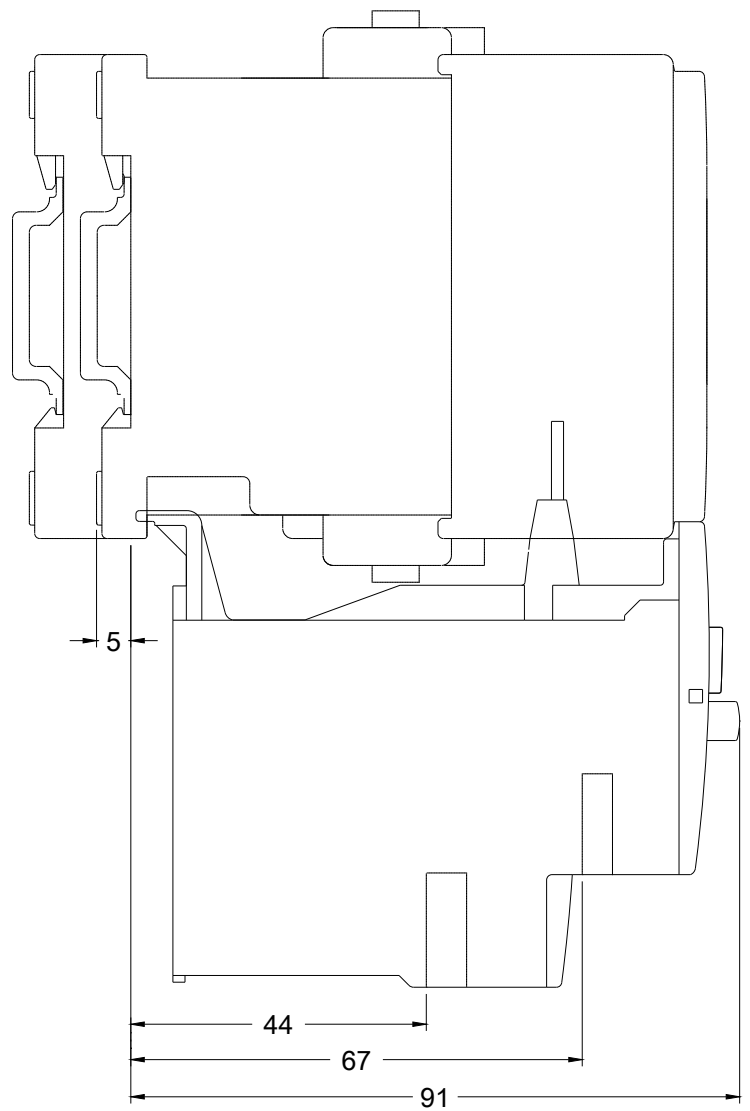
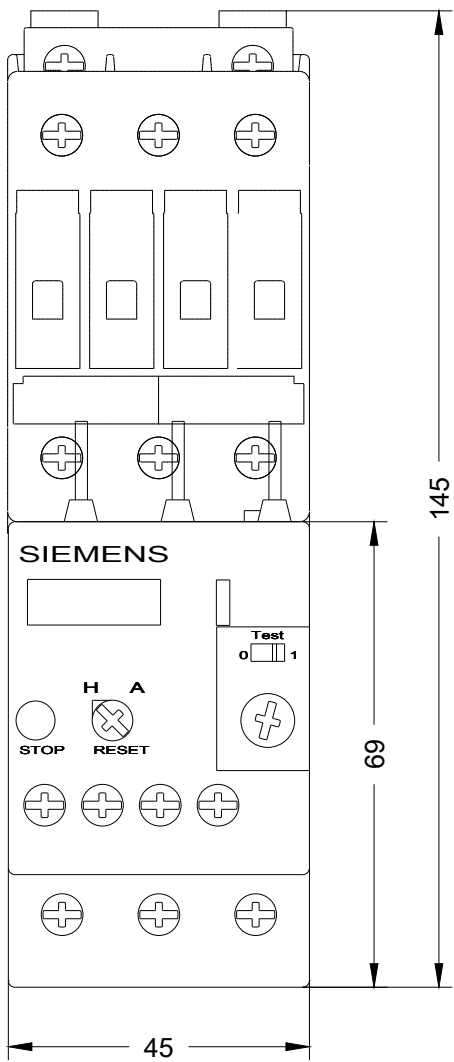
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU1126-4AB0>

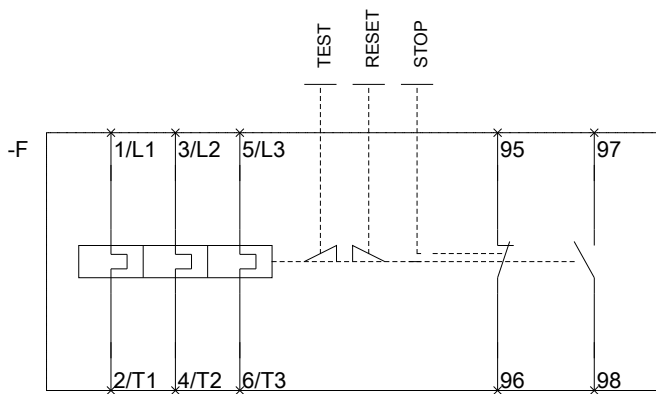
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RU1126-4AB0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU1126-4AB0&lang=en





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