



mechanical latch, 24 V AC/DC, for contactors 3RT202, 3RT232, 3RT252

| | |
|--|------------------|
| product brand name | SIRIUS |
| product category | Latching blocks |
| product designation | mechanical latch |
| product type designation | 3RT29 |
| General technical data | |
| certificate of suitability | CE / UL / CSA |
| size of contactor | S0 |
| insulation voltage with degree of pollution 3 at AC rated value | 300 V |
| power loss [W] of magnet coil at DC typical | 4 W |
| power loss [V·A] of magnet coil at AC typical | 4 VA |
| surge voltage resistance rated value | 4 kV |
| protection class IP on the front | IP20 |
| Substance Prohibitance (Date) | 10/01/2009 |
| SVHC substance name | Lead - 7439-92-1 |
| Weight | 0.121 kg |
| type of voltage of the control supply voltage | AC/DC |
| control supply voltage 1 at AC | |
| • at 50 Hz rated value | 24 V |
| • at 60 Hz rated value | 24 V |
| control supply voltage frequency | |
| • 1 rated value | 50 Hz |
| • 2 rated value | 60 Hz |
| control supply voltage 1 at DC rated value | 24 V |
| operating range factor control supply voltage rated value of magnet coil | |
| • initial value | 0.85 |
| • full-scale value | 1.1 |
| operating range factor control supply voltage rated value of magnet coil at DC | |
| • initial value | 0.85 |
| • full-scale value | 1.1 |
| operating range factor control supply voltage rated value of magnet coil at AC | |
| • at 50 Hz | 0.85 ... 1.1 |
| • at 60 Hz | 0.85 ... 1.1 |
| number of NC contacts for auxiliary contacts | 0 |
| • instantaneous contact | 0 |
| • lagging switching | 0 |
| number of NO contacts for auxiliary contacts | 0 |
| • instantaneous contact | 0 |
| • leading contact | 0 |

Ambient conditions

| | |
|--|----------------|
| ambient temperature | |
| <ul style="list-style-type: none"> during operation | -25 ... +60 °C |
| <ul style="list-style-type: none"> during storage | -50 ... +80 °C |

Environmental footprint

| | |
|--|------------|
| Environmental Product Declaration (EPD) | Yes |
| global warming potential [CO2 eq] total | 7.04 kg |
| global warming potential [CO2 eq] during manufacturing | 0.089 kg |
| global warming potential [CO2 eq] during operation | 6.96 kg |
| global warming potential [CO2 eq] after end of life | -0.0061 kg |






Installation/ mounting/ dimensions

| | |
|--------------------------|---------|
| mounting position | any |
| fastening method | clip-on |
| height | 48.4 mm |
| width | 22 mm |
| depth | 84.3 mm |

Connections/ Terminals

| | |
|---|---|
| type of electrical connection for auxiliary and control circuit | screw-type terminals |
| connectable conductor cross-section for auxiliary contacts | |
| <ul style="list-style-type: none"> solid or stranded | 0.5 ... 4 mm ² |
| <ul style="list-style-type: none"> finely stranded with core end processing | 0.5 ... 2.5 mm ² |
| type of connectable conductor cross-sections | |
| <ul style="list-style-type: none"> for auxiliary contacts <ul style="list-style-type: none"> — solid | 2x (0.5 ... 2.5 mm ²), 1x 4 mm ² |
| <ul style="list-style-type: none"> — finely stranded with core end processing | 2x (0.5 ... 2.5 mm ²), 1x 2.5 mm ² |
| <ul style="list-style-type: none"> for AWG cables for auxiliary contacts | 2x 14, 1x 12 |
| AWG number as coded connectable conductor cross section for auxiliary contacts | 14 ... 12 |

Approvals Certificates

| | | |
|---|-----|--|
| General Product Approval | EMV | Test Certificates |
|      | | Special Test Certificate |

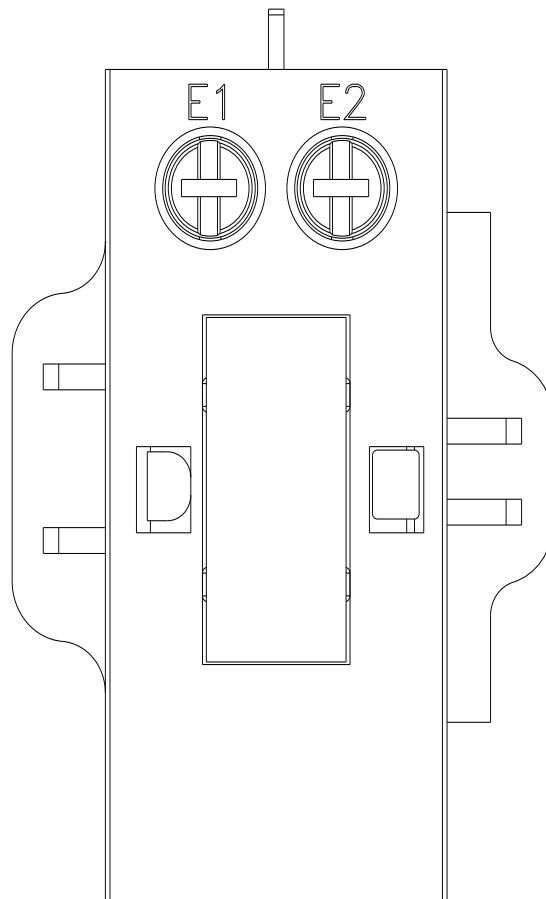
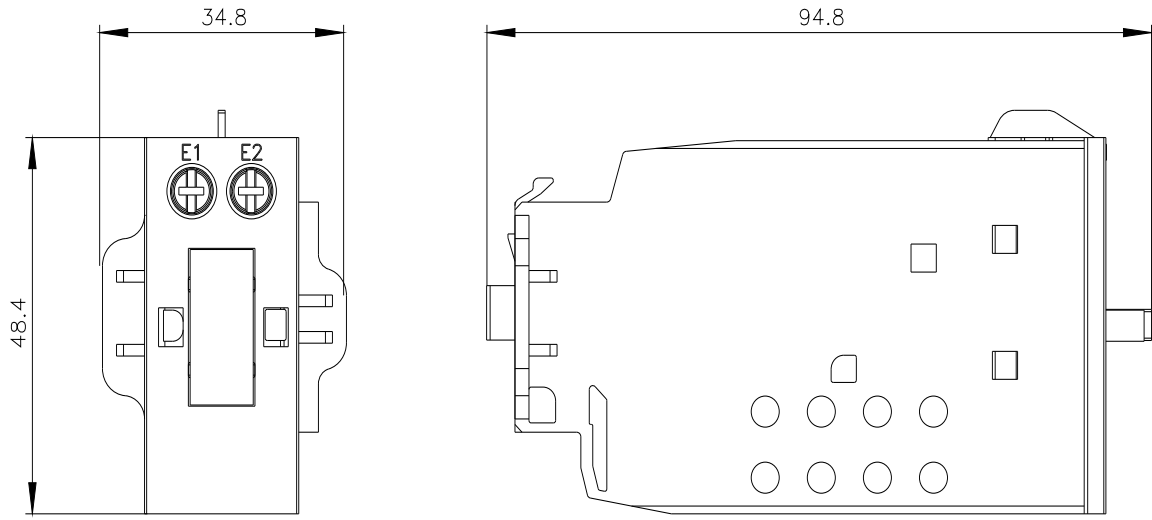
| | | | |
|--|-------------------------------|---|---|
| Test Certificates | other | Railway | Environment |
| Type Test Certificates/Test Report | Miscellaneous |  | Confirmation |
| | | | Special Test Certificate |
| | | |  |

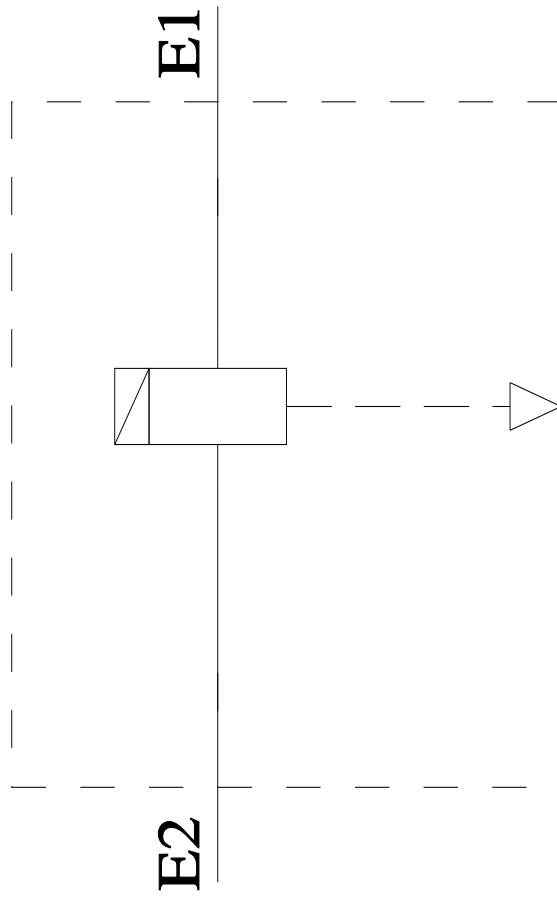
Environment

[Environmental Confirmations](#)

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
 Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
 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=3RT2926-3AB31>
 Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2926-3AB31>
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RT2926-3AB31>





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