



Figure similar

Stand-alone assembly support for 3RU1 Size S3 Stand-alone installation Main circuit: Screw terminal Auxiliary circuit: -- !!! Phased-out product !!! Successor is SIRIUS 3RU2 Preferred successor type is >>3RU2946-3AA01<<

|                                                                                           |  |                                                                                                 |                                                    |
|-------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|----------------------------------------------------|
| product brand name                                                                        |  | SIRIUS                                                                                          |                                                    |
| product designation                                                                       |  | individual mount                                                                                |                                                    |
| General technical data                                                                    |  |                                                                                                 |                                                    |
| size of overload relay                                                                    |  | S3                                                                                              |                                                    |
| protection class IP on the front                                                          |  | IP20                                                                                            |                                                    |
| • according to IEC 60529                                                                  |  |                                                                                                 |                                                    |
| Substance Prohibitance (Date)                                                             |  | 07/01/2006                                                                                      |                                                    |
| Weight                                                                                    |  | 0.275 kg                                                                                        |                                                    |
| Ambient conditions                                                                        |  |                                                                                                 |                                                    |
| ambient temperature                                                                       |  | -20 ... +70 °C                                                                                  |                                                    |
| • during operation                                                                        |  |                                                                                                 |                                                    |
| • during storage                                                                          |  | -50 ... +80 °C                                                                                  |                                                    |
| Electrical Safety                                                                         |  |                                                                                                 |                                                    |
| 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                                                |                                                    |
| Installation/ mounting/ dimensions                                                        |  |                                                                                                 |                                                    |
| fastening method                                                                          |  | screw and snap-on mounting onto 35 mm DIN rail                                                  |                                                    |
| width                                                                                     |  | 70 mm                                                                                           |                                                    |
| Connections/ Terminals                                                                    |  |                                                                                                 |                                                    |
| type of electrical connection                                                             |  | screw-type terminals                                                                            |                                                    |
| • for main current circuit                                                                |  |                                                                                                 |                                                    |
| type of connectable conductor cross-sections                                              |  | 1x (2.5 ... 16 mm²)<br>1x (6 ... 70 mm²)<br>1x (2.5 ... 50 mm²)<br>1x (10 ... 1)                |                                                    |
| • for main contacts                                                                       |  |                                                                                                 |                                                    |
| — solid                                                                                   |  |                                                                                                 |                                                    |
| — stranded                                                                                |  |                                                                                                 |                                                    |
| — finely stranded with core end processing                                                |  |                                                                                                 |                                                    |
| • for AWG cables for main contacts                                                        |  |                                                                                                 |                                                    |
| Approvals Certificates                                                                    |  |                                                                                                 |                                                    |
| General Product Approval                                                                  |  | Test Certificates                                                                               |                                                    |
|        |  | <br>EG-Konf. |                                                    |
| <br>UL |  |              |                                                    |
|                                                                                           |  | <a href="#">Special Test Certificate</a>                                                        | <a href="#">Type Test Certificates/Test Report</a> |
| Maritime application                                                                      |  | other                                                                                           | Railway                                            |
|                                                                                           |  |                                                                                                 | Environment                                        |



[Confirmation](#)

[Special Test Certificate](#)

[Environmental Confirmations](#)

#### Further information

##### 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=3RU1946-3AA01>

##### Cax online generator

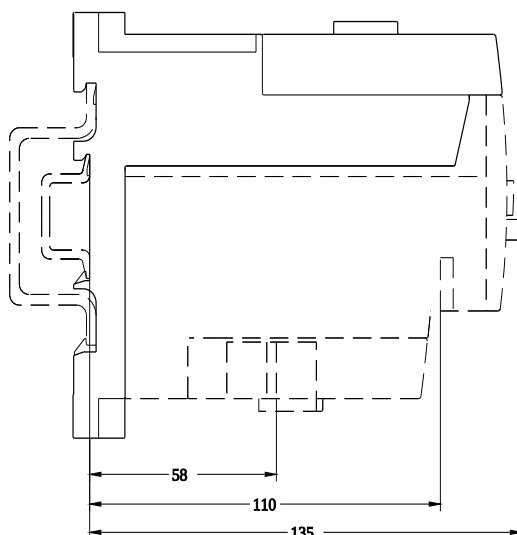
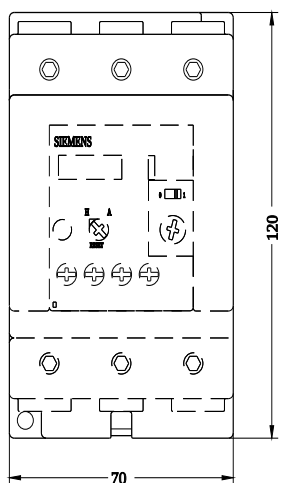
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU1946-3AA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RU1946-3AA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RU1946-3AA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU1946-3AA01&lang=en)



last modified:

4/2/2025