

Terminal block 6 mm<sup>2</sup> for current outfeed and also for connection of 3-phase busbars

|                                                                                     |                                                  |
|-------------------------------------------------------------------------------------|--------------------------------------------------|
| product brand name                                                                  | SIRIUS                                           |
| product category                                                                    | Plugs, adapters and terminals                    |
| product designation                                                                 | Terminal block                                   |
| design of the product                                                               | for power outlet                                 |
| <b>General technical data</b>                                                       |                                                  |
| certificate of suitability                                                          | CE / UL / CSA / CCC                              |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 1.2 W                                            |
| type of calculation of power loss depending on pole                                 | quadratic                                        |
| insulation voltage with degree of pollution 3 at AC rated value                     | 500 V                                            |
| protection class IP on the front according to IEC 60529                             | IP20                                             |
| thermal current                                                                     | 32 A                                             |
| Substance Prohibitance (Date)                                                       | 10/01/2009                                       |
| Weight                                                                              | 0.058 kg                                         |
| number of poles for main current circuit                                            | 3                                                |
| operating voltage at AC rated value                                                 | 500 V                                            |
| operational current rated value                                                     | 32 A                                             |
| ampacity maximum                                                                    | 32 A                                             |
| <b>UL/CSA ratings</b>                                                               |                                                  |
| operating voltage at AC according to UL rated value                                 | 600 V                                            |
| <b>Ambient conditions</b>                                                           |                                                  |
| ambient temperature                                                                 |                                                  |
| • during operation                                                                  | -20 ... +60 °C                                   |
| • during storage                                                                    | -50 ... +80 °C                                   |
| <b>Environmental footprint</b>                                                      |                                                  |
| Environmental Product Declaration (EPD)                                             | Yes                                              |
| Global Warming Potential [CO <sub>2</sub> eq] total                                 | 9.06 kg                                          |
| Global Warming Potential [CO <sub>2</sub> eq] during manufacturing                  | 0.313 kg                                         |
| Global Warming Potential [CO <sub>2</sub> eq] during operation                      | 8.72 kg                                          |
| Global Warming Potential [CO <sub>2</sub> eq] after end of life                     | 0.022 kg                                         |
| <b>Electrical Safety</b>                                                            |                                                  |
| 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 |
| <b>Installation/ mounting/ dimensions</b>                                           |                                                  |
| height                                                                              | 35 mm                                            |
| width                                                                               | 40.2 mm                                          |
| depth                                                                               | 50.2 mm                                          |
| <b>Connections/ Terminals</b>                                                       |                                                  |
| type of electrical connection for main current circuit                              | spring-loaded terminals                          |
| type of connectable conductor cross-sections                                        |                                                  |

|                                                                                                                                                                                                                                                                                                             |                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• for main contacts <ul style="list-style-type: none"> <li>— solid</li> <li>— stranded</li> <li>— finely stranded with core end processing</li> <li>— finely stranded without core end processing</li> </ul> </li> <li>• for AWG cables for main contacts</li> </ul> | 1x (1.5 ... 6 mm <sup>2</sup> )<br>1x (1.5 ... 6 mm <sup>2</sup> )<br>1x (1.5 ... 4 mm <sup>2</sup> )<br>1x (1.5 ... 6 mm <sup>2</sup> )<br>1x (15 ... 10) |
| <b>connectable conductor cross-section for main contacts</b> <ul style="list-style-type: none"> <li>• solid or stranded</li> <li>• stranded</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> </ul>                                           | 1.5 ... 6 mm <sup>2</sup><br>1.5 ... 6 mm <sup>2</sup><br>1.5 ... 4 mm <sup>2</sup><br>1.5 ... 6 mm <sup>2</sup>                                           |
| AWG number as coded connectable conductor cross section for main contacts                                                                                                                                                                                                                                   | 15 ... 10                                                                                                                                                  |

#### Approvals Certificates

| General Product Approval | Test Certificates |
|--------------------------|-------------------|
|--------------------------|-------------------|



[Confirmation](#)



[Type Test Certificates/Test Report](#)

| Test Certificates | Marine / Shipping |
|-------------------|-------------------|
|-------------------|-------------------|

[Special Test Certificate](#)



| Marine / Shipping | other | Railway | Environment |
|-------------------|-------|---------|-------------|
|-------------------|-------|---------|-------------|



[Miscellaneous](#)

[Confirmation](#)



[Special Test Certificate](#)



| Environment |
|-------------|
|-------------|

[Environmental Conformations](#)

#### 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=3RV2917-5D>

Cax online generator

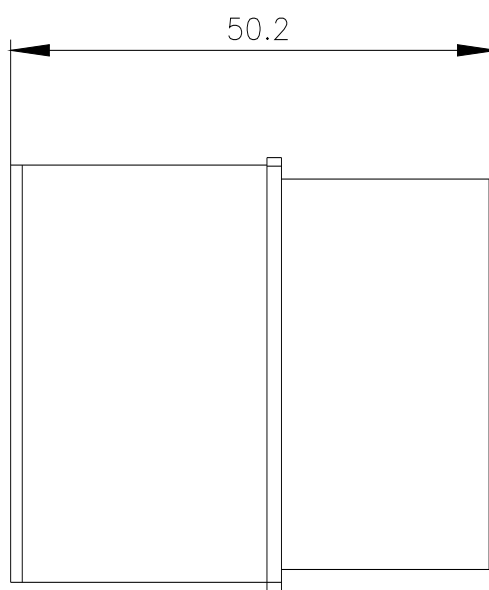
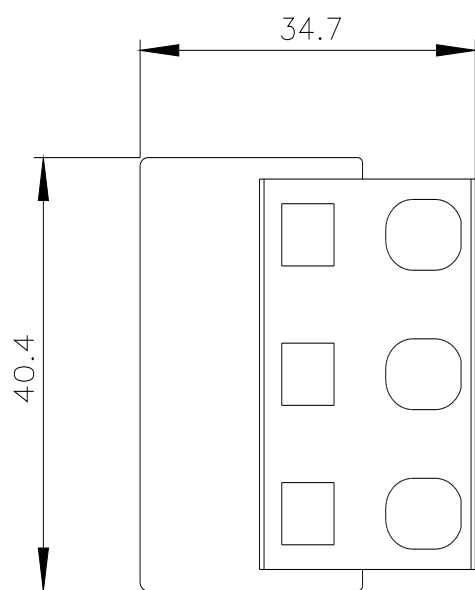
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2917-5D>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2917-5D>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2917-5D&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2917-5D&lang=en)



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