



Terminal, iPo plug-in terminal, two-tier, through-type term., 4 mm<sup>2</sup>, gray

| Model  |                           |
|--|---------------------------|
| product brand name                                   | SENTRON                   |
| product designation                                  | Terminal blocks           |
| design of the product                                | iPo through-type terminal |
| design of terminal terminal levels internally linked | No                        |
| General technical data                               |                           |
| terminal contact spacing                             | 6 mm                      |
| operating voltage rated value                        | 500 V                     |
| Protection class                                     |                           |
| combustibility class according to UL 94              | V0                        |
| Main circuit   |                           |
| operational current rated value                      | 28 A                      |
| Appearance   |                           |
| color  | grey                      |
| Product details                                      |                           |
| product component required end cover plate           | Yes                       |
| Number   |                           |
| number of terminal levels                            | 2                         |
| number of terminal points per terminal level         | 2                         |
| Connections  |                           |
| connectable conductor cross-section solid            |                           |
| • minimum  | 0.2 mm <sup>2</sup>       |
| • maximum  | 6 mm <sup>2</sup>         |
| connectable conductor cross-section stranded         |                           |
| • minimum  | 0.2 mm <sup>2</sup>       |
| • maximum  | 6 mm <sup>2</sup>         |
| connectable conductor cross-section finely stranded  |                           |
| • with core end processing minimum                   | 0.25 mm <sup>2</sup>      |
| • with core end processing maximum                   | 4 mm <sup>2</sup>         |
| • without core end processing minimum                | 0.2 mm <sup>2</sup>       |
| • without core end processing maximum                | 6 mm <sup>2</sup>         |
| type of connection 1                                 | plug terminal connection  |
| type of connection 2                                 | plug terminal connection  |
| position of the terminal                             | top                       |
| Mechanical Design                                    |                           |
| height   | 83.68 mm                  |
| height with lowest-profile installation              | 47.5 mm                   |
| depth  | 45.9 mm                   |
| length   | 83.5 mm                   |

|                                 |               |
|---------------------------------|---------------|
| <b>fastening method</b>         | TH35 DIN rail |
| <b>Net Weight</b>               | 17 g          |
| material of the insulating body | Other         |

**Environmental conditions**

|   |        |
|---|--------|
| <b>ambient temperature during operation</b> |        |
| • minimum                                   | -60 °C |
| • maximum                                   | 105 °C |

**Approvals Certificates**

|                    |                                 |
|--------------------|---------------------------------|
| <b>Environment</b> | <b>General Product Approval</b> |
|--------------------|---------------------------------|

[Environmental Con-  
firmations](#)

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|                                       |              |
|---------------------------------------|--------------|
| <b>General Product Ap-<br/>proval</b> | <b>other</b> |
|---------------------------------------|--------------|



[Confirmation](#)



**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/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WH6020-0AG00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH6020-0AG00>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH6020-0AG00](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH6020-0AG00)

CAX-Online-Generator

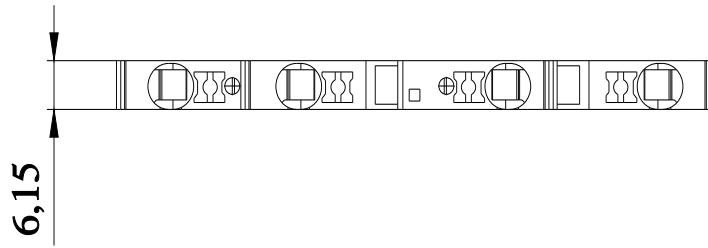
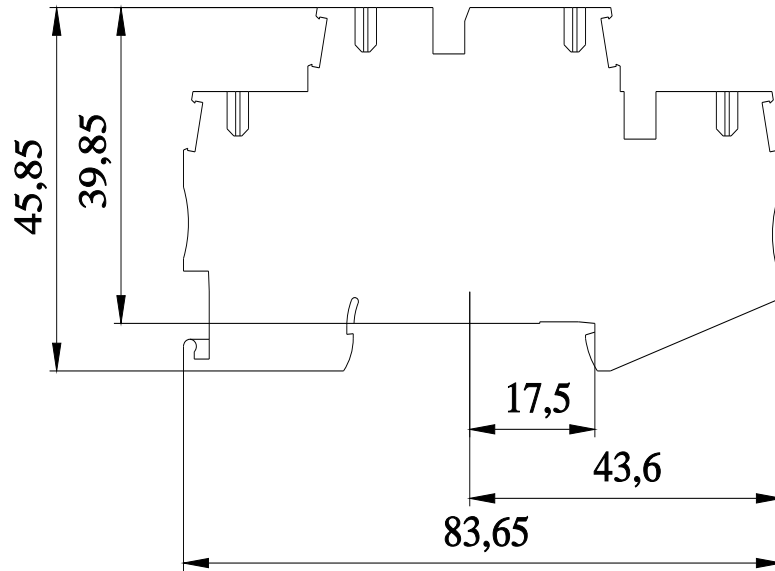
<https://www.siemens.com/cax>

Tender specifications

<https://www.siemens.com/specifications>

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



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