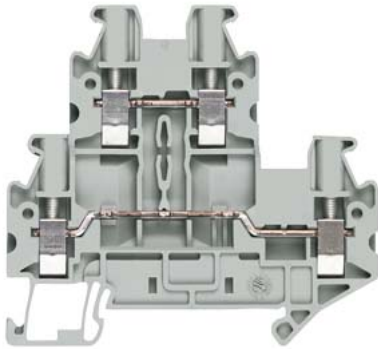


Terminal, screw terminal, two-tier, through-type terminal, 2.5 mm<sup>2</sup>, gray



| Model  |  |
|--|--|
| product brand name                                   | SENTRON  |
| product designation                                  | Terminal blocks  |
| design of the product                                | two-tier terminal  |
| product version                                      | two-tier terminal, for mounting on mounting rail acc. to IEC 60715 |
| design of terminal terminal levels internally linked | No   |
| General technical data                               |  |
| terminal contact spacing                             | 5 mm   |
| operating voltage rated value                        | 500 V  |
| Protection class                                     |  |
| combustibility class according to UL 94              | V0   |
| Main circuit   |  |
| operational current rated value                      | 24 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  | 0.14 mm <sup>2</sup>   |
| • maximum  | 4 mm <sup>2</sup>  |
| connectable conductor cross-section stranded         |  |
| • minimum  | 1.5 mm <sup>2</sup>  |
| • maximum  | 0.14 mm <sup>2</sup>   |
| connectable conductor cross-section finely stranded  |  |
| • with core end processing minimum                   | 0.14 mm <sup>2</sup>   |
| • with core end processing maximum                   | 2.5 mm <sup>2</sup>  |
| • without core end processing minimum                | 0.14 mm <sup>2</sup>   |
| • without core end processing maximum                | 4 mm <sup>2</sup>  |
| tightening torque with screw-type terminals          |  |
| • minimum  | 0.6 N·m  |
| • maximum  | 1 N·m  |
| type of connection 1                                 | screw-type terminal  |
| type of connection 2                                 | screw-type terminal  |
| position of the terminal                             | lateral  |

| Mechanical Design                       |               |
|---|---------------|
| height                                  | 69.9 mm       |
| height with lowest-profile installation | 65 mm         |
| depth                                   | 64.3 mm       |
| length                                  | 70 mm         |
| fastening method                        | TH35 DIN rail |
| Net Weight                              | 16 g          |
| material of the insulating body         | PA            |

| Environmental conditions   |                  |
|--|------------------|
| ambient temperature during operation   |                  |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> | -60 °C<br>105 °C |

| Approvals Certificates |                          |
|------------------------|--------------------------|
| Environment            | General Product Approval |

[Environmental Con-  
firmations](#)

[Environmental Con-  
firmations](#)



[Confirmation](#)

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



[Confirmation](#)

[Miscellaneous](#)



### 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=8WH1020-0AF00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1020-0AF00>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH1020-0AF00](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1020-0AF00)

**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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