



Terminal, screw terminal, through-type terminal, 6 mm², gray

| Model | |
|--|--|
| product brand name | SENTRON |
| product designation | ALPHA FIX terminal blocks |
| design of the product | through-type terminal |
| product variations | through-type terminal, for mounting on mounting rail acc. to IEC 60715 |
| design of terminal / terminal levels internally linked | No |
| operating voltage / rated value | 1 000 V |
| Protection class | |
| combustibility class according to UL 94 | V0 |
| Main circuit | |
| operational current / rated value | 41 A |
| Appearance | |
| color | grey |
| Product details | |
| product component / required / end cover plate | Yes |
| Number | |
| number of terminal levels | 1 |
| number of terminal points / per terminal level | 2 |
| Connections | |
| connectable conductor cross-section / solid | |
| • minimum | 0.2 mm ² |
| • maximum | 10 mm ² |
| connectable conductor cross-section / stranded | |
| • minimum | 2.5 mm ² |
| • maximum | 0.2 mm ² |
| connectable conductor cross-section / finely stranded | |
| • with core end processing / minimum | 0.25 mm ² |
| • with core end processing / maximum | 6 mm ² |
| • without core end processing / minimum | 0.2 mm ² |
| • without core end processing / maximum | 10 mm ² |
| tightening torque / with screw-type terminals | |
| • minimum | 1.5 N·m |
| • maximum | 2 N·m |
| type of connection | |
| • 1 | screw-type terminal |
| • 2 | screw-type terminal |
| position / of the terminal | lateral |
| Mechanical Design | |
| height | 48 mm |

| | |
|---|----------|
| height / with lowest-profile installation | 47.5 mm |
| depth | 46.85 mm |
| length | 48 mm |
| net weight | 15 g |
| material / of the insulating body | Other |

Environmental conditions

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

| | | |
|--------------------------|---------------------------|-------|
| General Product Approval | Declaration of Conformity | other |
|--------------------------|---------------------------|-------|



[Confirmation](#)



[Miscellaneous](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WH1000-0AH00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0AH00>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0AH00

CAX-Online-Generator

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

Tender specifications

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



