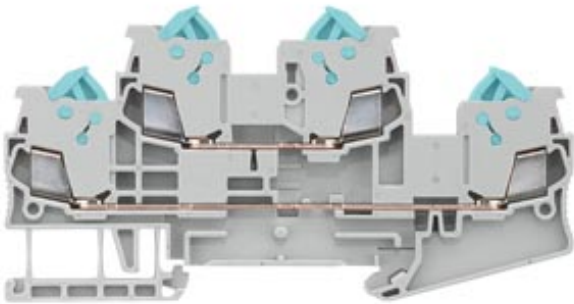


Two-tier terminals with quick-connect technology Cross-section:
0.25-1.5 mm², Width: 5.2mm, Color: gray



| Model | |
|--|---------------------------|
| product brand name | ALPHA |
| product designation | ALPHA FIX terminal blocks |
| design of terminal / terminal levels internally linked | No |
| General technical data | |
| terminal contact spacing | 5.2 mm |
| operating voltage / rated value | 500 V |
| Protection class | |
| combustibility class acc. to UL 94 | V0 |
| Main circuit | |
| operating current / rated value | 17.5 A |
| Appearance | |
| color | grey |
| Product details | |
| product component / required / connection plate | No |
| Number | |

| | |
|--|---|
| number of terminal levels | 2 |
| number of terminal points / per terminal level | 2 |

Connections

| | |
|--|--|
| connectable conductor cross-section / solid | |
| <ul style="list-style-type: none"> • minimum • maximum | 1.5 mm ² 1.5 mm ² |
| connectable conductor cross-section / stranded | |
| <ul style="list-style-type: none"> • minimum • maximum | 1.5 mm ² 1.5 mm ² |
| connectable conductor cross-section / finely stranded | |
| <ul style="list-style-type: none"> • with core end processing / minimum • with core end processing / maximum • without core end processing / minimum • without core end processing / maximum | 1.5 mm ² 1.5 mm ² 1.5 mm ² 1.5 mm ² |
| type of electrical connection | |
| <ul style="list-style-type: none"> • 1 • 2 | insulation piercing connection insulation piercing connection |
| position / of the terminal | top |

Mechanical Design

| | |
|---|----------------|
| height / with lowest-profile installation | 49.9 mm |
| length | 99.6 mm |
| mounting type | DIN rail 35 mm |
| net weight | 15 g |
| material / of the insulating body | Other |

Environmental conditions

| | |
|--|-----------------|
| ambient temperature / during operation | |
| <ul style="list-style-type: none"> • minimum • maximum | -25 °C 55 °C |

Certificates

| | |
|--|----|
| design tested acc. to type of protection / EEx e | No |
|--|----|

| | | |
|---------------------------------|--|--------------|
| General Product Approval | Declaration of Con- formity | other |
|---------------------------------|--|--------------|



[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=8WH3020-0AE00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH3020-0AE00>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH3020-0AE00

CAX-Online-Generator

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

Tender specifications

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