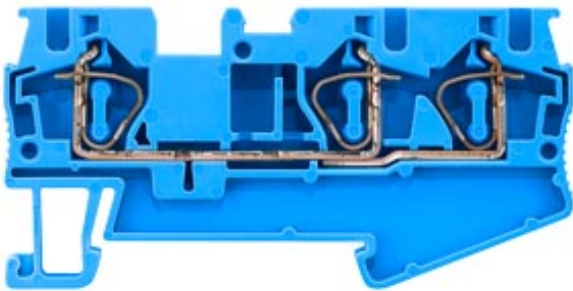


Through-type terminals with spring-loaded connection, 3 connection points, Cross-section: 0.5-4 mm<sup>2</sup>, Width: 6.2mm, Color: blue



| 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                               | 6.2 mm                    |
| operating voltage / rated value                        | 800 V                     |
| Protection class                                       |                           |
| combustibility class acc. to UL 94                     | V0                        |
| Main circuit   |                           |
| operating current / rated value                        | 40 A                      |
| Appearance   |                           |
| color  | blue                      |
| Product details  |                           |
| product component / required / connection plate        | No                        |
| Number   |                           |

|  |   |
|--|---|
| number of terminal levels                      | 1 |
| number of terminal points / per terminal level | 3 |

### Connections

|   |                        |
|---|------------------------|
| wire stripping length                                 | 10 mm                  |
| connectable conductor cross-section / solid           |                        |
| • minimum   | 6 mm <sup>2</sup>      |
| • maximum   | 6 mm <sup>2</sup>      |
| connectable conductor cross-section / stranded        |                        |
| • minimum   | 6 mm <sup>2</sup>      |
| • maximum   | 6 mm <sup>2</sup>      |
| connectable conductor cross-section / finely stranded |                        |
| • with core end processing / minimum                  | 4 mm <sup>2</sup>      |
| • with core end processing / maximum                  | 4 mm <sup>2</sup>      |
| • without core end processing / minimum               | 4 mm <sup>2</sup>      |
| • without core end processing / maximum               | 4 mm <sup>2</sup>      |
| type of electrical connection                         |                        |
| • 1   | spring-loaded terminal |
| • 2   | spring-loaded terminal |
| position / of the terminal                            | top                    |

### Mechanical Design

|                                   |                |
|-----------------------------------|----------------|
| mounting type                     | DIN rail 35 mm |
| net weight                        | 12 g           |
| material / of the insulating body | Other          |

### Environmental conditions

|  |        |
|--|--------|
| ambient temperature / during operation |        |
| • minimum                              | -25 °C |
| • maximum                              | 55 °C  |

### Certificates

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

|                                 |  |              |
|---------------------------------|--|--------------|
| <b>General Product Approval</b> | <b>Declaration of Con-<br/>formity</b> | <b>other</b> |
|---------------------------------|--|--------------|



[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=8WH2003-0AG01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH2003-0AG01>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH2003-0AG01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH2003-0AG01)

**CAX-Online-Generator**

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

**Tender specifications**

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