

PE TERMINAL WITH SCREW CONNECTION, SECTION: 25 - 50MM2, AWG: 6 - 1/0, WIDTH: 20 MM, COLOR: GREEN-YEL.



Figure similar

|                                                 |               |
|-------------------------------------------------|---------------|
| Model                                           |               |
| Product brand name                              | ALPHA         |
| General technical data                          |               |
| Insulation material                             | thermoplastic |
| Terminal contact spacing                        | 20 mm         |
| Protection class                                |               |
| Combustibility class acc. to UL 94              | V0            |
| Appearance                                      |               |
| Color                                           | green-yellow  |
| Product details                                 |               |
| Product feature / PEN function                  | Yes           |
| Product component / required / connection plate | No            |
| Number                                          |               |
| Number of terminal levels                       | 1             |
| Number of terminal points / per terminal level  | 1             |

## Connections

|                                                       |                     |
|-------------------------------------------------------|---------------------|
| <b>Connectable conductor cross-section / stranded</b> |                     |
| • minimum                                             | 25 mm <sup>2</sup>  |
| • maximum                                             | 95 mm <sup>2</sup>  |
| <b>Wire stripping length</b>                          | 24 mm               |
| <b>Connectable conductor cross-section</b>            |                     |
| • solid                                               |                     |
| — minimum                                             | 16 mm <sup>2</sup>  |
| — maximum                                             | 50 mm <sup>2</sup>  |
| • finely stranded                                     |                     |
| — with core end processing / minimum                  | 25 mm <sup>2</sup>  |
| — with core end processing / maximum                  | 95 mm <sup>2</sup>  |
| — without core end processing / minimum               | 35 mm <sup>2</sup>  |
| — without core end processing / maximum               | 95 mm <sup>2</sup>  |
| <b>Tightening torque / with screw-type terminals</b>  |                     |
| • minimum                                             | 6 N·m               |
| • maximum                                             | 8 N·m               |
| <b>Type of electrical connection</b>                  |                     |
| • 1                                                   | screw-type terminal |
| • 2                                                   | screw-type terminal |
| <b>Position / of the terminal</b>                     | top                 |

## Mechanical Design

|                                                  |                |
|--------------------------------------------------|----------------|
| <b>Height / with lowest-profile installation</b> | 83.5 mm        |
| <b>Length</b>                                    | 70.5 mm        |
| <b>Mounting type</b>                             | DIN rail 35 mm |
| <b>Net weight</b>                                | 183 g          |
| <b>Material / of the insulating body</b>         | Thermoplastic  |

## Environmental conditions

|                              |        |
|------------------------------|--------|
| <b>Ambient temperature</b>   |        |
| • during operation / minimum | -25 °C |
| • during operation / maximum | 35 °C  |

|                                 |                                  |                          |              |
|---------------------------------|----------------------------------|--------------------------|--------------|
| <b>General Product Approval</b> | <b>Declaration of Conformity</b> | <b>Shipping Approval</b> | <b>other</b> |
|---------------------------------|----------------------------------|--------------------------|--------------|



GL

[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=8WH1000-0CN07>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0CN07>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH1000-0CN07](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0CN07)

**CAX-Online-Generator**

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

**Tender specifications**

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