

Two-tier PE terminal with quick-connect technology Cross-section:  
0.25-1.5 mm<sup>2</sup>, Width: 5.2mm, Color: green-yellow



Model	
product brand name	ALPHA
General technical data	
insulation material	thermoplastic
terminal contact spacing	5.2 mm
Protection class	
combustibility class acc. to UL 94	V0
Appearance	
color	green-yellow
Product details	
product feature / PEN function	No
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"> <li>• minimum</li> <li>• maximum</li> </ul>	0.25 mm <sup>2</sup> 1.5 mm <sup>2</sup>
connectable conductor cross-section / stranded	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.25 mm <sup>2</sup> 1.5 mm <sup>2</sup>
connectable conductor cross-section / finely stranded	
<ul style="list-style-type: none"> <li>• with core end processing / minimum</li> <li>• with core end processing / maximum</li> <li>• without core end processing / minimum</li> <li>• without core end processing / maximum</li> </ul>	0.25 mm <sup>2</sup> 1.5 mm <sup>2</sup> 1.5 mm <sup>2</sup> 1.5 mm <sup>2</sup>
type of electrical connection	
<ul style="list-style-type: none"> <li>• 1</li> <li>• 2</li> </ul>	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	21 g
material / of the insulating body	Thermoplastic

### Environmental conditions

ambient temperature / during operation	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-25 °C 35 °C

### Certificates

reference code	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>	X X

General Product Approval	Declaration of Con- formity	other
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[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=8WH3020-0CE07>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH3020-0CE07>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH3020-0CE07](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH3020-0CE07)

**CAX-Online-Generator**

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

**Tender specifications**

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