

Two-tier PE terminal with quick-connect technology Cross-section:
0.25-1.5 mm², 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"> • minimum • maximum 	<p>0.25 mm²</p> <p>1.5 mm²</p>
Connectable conductor cross-section / stranded	
<ul style="list-style-type: none"> • minimum • maximum 	<p>0.25 mm²</p> <p>1.5 mm²</p>
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 	<p>0.25 mm²</p> <p>1.5 mm²</p> <p>1.5 mm²</p> <p>1.5 mm²</p>
Type of electrical connection	
<ul style="list-style-type: none"> • 1 • 2 	<p>insulation piercing connection</p> <p>insulation piercing connection</p>
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"> • minimum • maximum 	<p>-25 °C</p> <p>35 °C</p>

Certificates

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

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=8WH3020-0CE07>

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

CAX-Online-Generator

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

Tender specifications

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