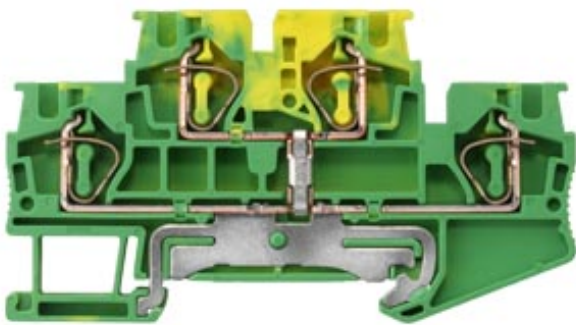


Two-tier PE terminal with spring-loaded connection, Cross-section:
0.5-4 mm², Width: 6.2mm, Color: green-yellow



Model	
product brand name	ALPHA
General technical data	
insulation material	thermoplastic
terminal contact spacing	6.2 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	

wire stripping length	10 mm
connectable conductor cross-section / solid	
• minimum	0.14 mm ²
• maximum	6 mm ²
connectable conductor cross-section / stranded	
• minimum	0.5 mm ²
• maximum	6 mm ²
connectable conductor cross-section / finely stranded	
• with core end processing / minimum	0.2 mm ²
• with core end processing / maximum	4 mm ²
• without core end processing / minimum	4 mm ²
• without core end processing / maximum	4 mm ²
type of electrical connection	
• 1	spring-loaded terminal
• 2	spring-loaded terminal
position / of the terminal	top

Mechanical Design

height / with lowest-profile installation	47.5 mm
length	83.5 mm
mounting type	DIN rail 35 mm
net weight	21 g
material / of the insulating body	Thermoplastic

Environmental conditions

ambient temperature / during operation	
• minimum	-25 °C
• maximum	35 °C

Certificates

reference code	
• acc. to DIN EN 61346-2	X
• acc. to DIN EN 81346-2	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=8WH2020-0CG07>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH2020-0CG07>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH2020-0CG07

CAX-Online-Generator

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

Tender specifications

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