



PE terminal with screw terminal, Cross-section: 25-50 mm², AWG: 6-1/0, Width: 20mm, Color: green-yellow

Model	
product brand name	ALPHA
product designation	PE through-type terminal
General technical data	
insulation material	thermoplastic
terminal contact spacing	20 mm
Protection class	
combustibility class according to UL 94	V0
Appearance	
color	green-yellow
Product details	
product feature / PEN function	Yes
product component / required / end cover plate	No
Number	
number of terminal levels	1
number of terminal points / per terminal level	1
Connections	
stripped length	24 mm
connectable conductor cross-section / solid	
• minimum	16 mm ²
• maximum	50 mm ²
connectable conductor cross-section / stranded	
• minimum	50 mm ²
• maximum	50 mm ²
connectable conductor cross-section / finely stranded	
• with core end processing / minimum	25 mm ²
• with core end processing / maximum	50 mm ²
• without core end processing / minimum	35 mm ²
• without core end processing / maximum	50 mm ²
tightening torque / with screw-type terminals	
• minimum	6 N·m
• maximum	8 N·m
type of connection	
• 1	screw-type terminal
• 2	screw-type terminal
position / of the terminal	top
Mechanical Design	
height / with lowest-profile installation	83.5 mm
length	70.5 mm

fastening method	DIN rail 35 mm	
net weight	183 g	
material / of the insulating body	Thermoplastic	
Environmental conditions		
ambient temperature / during operation		
• minimum	-25 °C	
• maximum	35 °C	
General Product Approval	Declaration of Conformity	other

[Confirmation](#)



[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

CAX-Online-Generator

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

Tender specifications

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



