



Terminal, screw terminal, PE/PEN terminal, 50 mm², 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	miscellaneous
Product details	
product component required end cover plate	No
Number	
number of terminal levels	1
number of terminal points per terminal level	2
Connections	
stripped length	18 mm
connectable conductor cross-section solid	
• minimum	16 mm ²
• maximum	50 mm ²
connectable conductor cross-section stranded	
• minimum	50 mm ²
• maximum	25 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	25 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
type of connection 2	screw-type terminal
position of the terminal	top
Mechanical Design	
height	81.4 mm
height with lowest-profile installation	83.5 mm
depth	75.85 mm
length	70.5 mm
fastening method	TH35 DIN rail

net weight	183 g	
material of the insulating body	Other	
Environmental conditions		
ambient temperature during operation		
• minimum	-60 °C	
• maximum	105 °C	
Approvals Certificates		
General Product Approval	other	Environment

[Confirmation](#)



[Miscellaneous](#)

[Confirmation](#)

[Environmental Con-
firmations](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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>



