

Terminal, screw terminal, PE/PEN terminal, 4 mm², green-yellow



Model	
product brand name	SENTRON
product designation	ALPHA FIX terminal blocks
design of the product	PE through-type terminal
General technical data	
insulation material	thermoplastic
terminal contact spacing	6 mm
Protection class	
combustibility class according to UL 94	V0
Appearance	
color	miscellaneous
Product details	
product component required end cover plate	Yes
Number	
number of terminal levels	1
number of terminal points per terminal level	2
Connections	
stripped length	9 mm
connectable conductor cross-section solid	
• minimum	0.14 mm ²
• maximum	6 mm ²
connectable conductor cross-section stranded	
• minimum	6 mm ²
• maximum	0.14 mm ²
connectable conductor cross-section finely stranded	
• with core end processing minimum	0.25 mm ²
• with core end processing maximum	4 mm ²
• without core end processing minimum	0.14 mm ²
• without core end processing maximum	6 mm ²
tightening torque with screw-type terminals	
• minimum	0.6 N·m
• maximum	1 N·m
type of connection 1	screw-type terminal
type of connection 2	screw-type terminal
position of the terminal	lateral
Mechanical Design	
height	48 mm
height with lowest-profile installation	47.5 mm
depth	46.85 mm
length	48 mm

fastening method	TH35 DIN rail
net weight	13 g
material of the insulating body	Other

Environmental conditions

ambient temperature during operation	
• minimum	-60 °C
• maximum	105 °C

Approvals Certificates

General Product Approval	Declaration of Conformity	other
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[Confirmation](#)



[Miscellaneous](#)

other

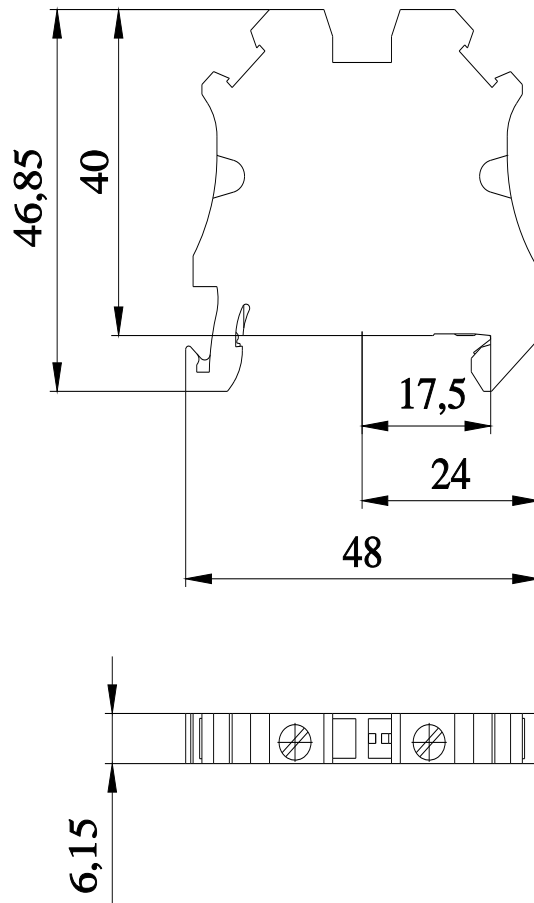
Environment

[Confirmation](#)

[Environmental Confirmations](#)

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=8WH1000-0CG07>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0CG07>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0CG07
- CAX-Online-Generator**
<http://www.siemens.com/cax>
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