



Terminal, screw terminal, PE/PEN terminal, 2.5 mm<sup>2</sup>, 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	5 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 <sup>2</sup>
• maximum	4 mm <sup>2</sup>
connectable conductor cross-section stranded	
• minimum	4 mm <sup>2</sup>
• maximum	0.14 mm <sup>2</sup>
connectable conductor cross-section finely stranded	
• with core end processing minimum	0.14 mm <sup>2</sup>
• with core end processing maximum	2.5 mm <sup>2</sup>
• without core end processing minimum	0.14 mm <sup>2</sup>
• without core end processing maximum	4 mm <sup>2</sup>
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	12 g
material of the insulating body	Other
<b>Environmental conditions</b>	
ambient temperature during operation	
• minimum	-60 °C
• maximum	105 °C

#### Approvals Certificates

##### General Product Approval



[Confirmation](#)



other	Environment		
<a href="#">Confirmation</a>	<a href="#">Miscellaneous</a>	<a href="#">Environmental Con- firmations</a>	<a href="#">Environmental Con- firmations</a>

#### Further information

##### 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=8WH1000-0CF07>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0CF07>

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

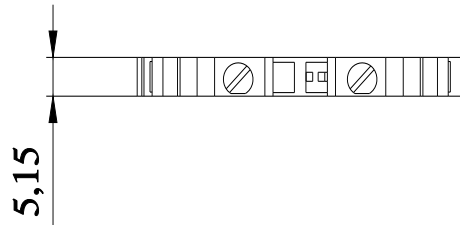
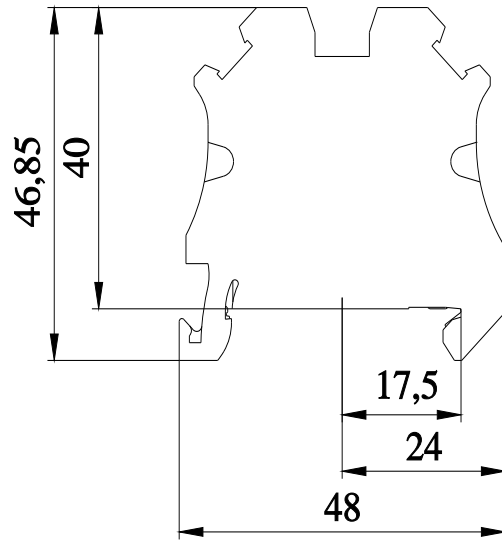
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH1000-0CF07](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0CF07)

##### CAX-Online-Generator

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

##### Tender specifications

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



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