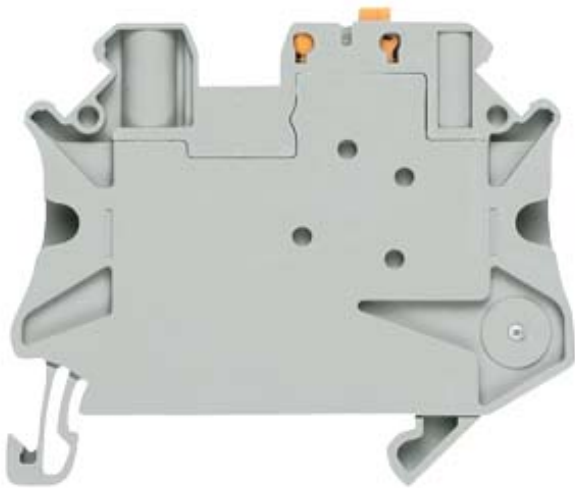


Instrument isolating terminal with screw terminal Terminal size 4.0 mm<sup>2</sup> Terminal width 6.2 mm Color gray



Model	
product brand name	ALPHA
product designation	ALPHA FIX terminal blocks
design of terminal / terminal levels internally linked	No
General technical data	
terminal contact spacing	6.2 mm
operating voltage / rated value	500 V
Protection class	
combustibility class acc. to UL 94	V0
Main circuit	
operational current / rated value	20 A
Appearance	
color	beige
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	6 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	4 mm <sup>2</sup>
tightening torque / with screw-type terminals	
• minimum	0.6 N·m
• maximum	0.8 N·m
type of electrical connection	
• 1	screw-type terminal
• 2	screw-type terminal
position / of the terminal	lateral

### Mechanical Design

height / with lowest-profile installation	47.5 mm
length	47.7 mm
fastening method	DIN rail 35 mm
net weight	13 g
material / of the insulating body	Thermoplast

### Environmental conditions

ambient temperature / during operation	
• minimum	-25 °C
• maximum	55 °C

### Certificates

design tested acc. to type of protection / EEx e	No
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<b>General Product Approval</b>	<b>Declaration of Con- formity</b>	<b>other</b>
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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=8WH1000-6CG00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-6CG00>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH1000-6CG00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-6CG00)

**CAX-Online-Generator**

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

**Tender specifications**

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