

Through-type terminals with screw terminal Terminal size 6.0 mm<sup>2</sup>  
Terminal width 8.2 mm Color gray



Figure similar

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	8.2 mm
operating voltage / rated value	1 000 V
Protection class	
combustibility class acc. to UL 94	V0
Main circuit	
operating current / rated value	41 A
Appearance	
color	beige
Product details	
product component / required / connection plate	Yes




Number	
number of terminal levels	1
number of terminal points / per terminal level	2

Connections	
wire stripping length	10 mm
connectable conductor cross-section / solid	<ul style="list-style-type: none"> <li>• minimum 0.2 mm<sup>2</sup></li> <li>• maximum 10 mm<sup>2</sup></li> </ul>
connectable conductor cross-section / finely stranded	<ul style="list-style-type: none"> <li>• with core end processing / minimum 0.2 mm<sup>2</sup></li> <li>• with core end processing / maximum 6 mm<sup>2</sup></li> </ul>
tightening torque / with screw-type terminals	<ul style="list-style-type: none"> <li>• minimum 1.5 N·m</li> <li>• maximum 1.8 N·m</li> </ul>
type of electrical connection	<ul style="list-style-type: none"> <li>• 1 screw-type terminal</li> <li>• 2 screw-type terminal</li> </ul>
position / of the terminal	lateral

Mechanical Design	
height / with lowest-profile installation	47.5 mm
length	47.7 mm
mounting type	DIN rail 35 mm
net weight	14.7 g
material / of the insulating body	Thermoplast

Environmental conditions	
ambient temperature / during operation	<ul style="list-style-type: none"> <li>• minimum -25 °C</li> <li>• maximum 55 °C</li> </ul>

Certificates	
design tested acc. to type of protection / EEx e	No

General Product Approval	Declaration of Con- formity	other
		



[Miscellaneous](#)

Further information
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b> <a href="http://www.siemens.com/lowvoltage/catalogs">http://www.siemens.com/lowvoltage/catalogs</a>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WH1000-0AH00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0AH00>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH1000-0AH00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0AH00)

**CAX-Online-Generator**

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

**Tender specifications**

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