

THROUGH-TYPE TERM. LIGHT GRAY 6SQMM, 8.2MM, 41A, 800V

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
Protection class	
Combustibility class acc. to UL 94	V2
Main circuit	
Operating voltage / rated value	800 V
Operating current / rated value	6 A
Appearance	
Color	grey
Product details	
Product component / required / connection plate	No
Number	
Number of terminal levels	1
Number of terminal points / per terminal level	2
Connections	
Connectable conductor cross-section / stranded	
• minimum	6 mm ²
• maximum	6 mm ²
Connectable conductor cross-section	
• solid	
— minimum	6 mm ²
— maximum	6 mm ²
• finely stranded	
— with core end processing / minimum	4 mm ²
— with core end processing / maximum	4 mm ²
— without core end processing / minimum	6 mm ²
— without core end processing / maximum	6 mm ²
Type of electrical connection	
• 1	spring-loaded terminal
• 2	spring-loaded terminal

Position / of the terminal	top
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Mechanical Design

Height / with lowest-profile installation	31 mm
Length	70 mm
Mounting type	DIN rail 35 mm
Net weight	13 g
Material / of the insulating body	Thermoplast

Environmental conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation / minimum 	-25 °C
<ul style="list-style-type: none"> during operation / maximum 	55 °C

Certificates

Design tested acc. to type of protection / EEx e	No
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General Product Approval	Test Certificates	other
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[Miscellaneous](#)

[Environmental Confirmations](#)



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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=8WA2011-1DH20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WA2011-1DH20>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WA2011-1DH20

CAX-Online-Generator

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

Tender specifications

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