



Terminal, screw terminal, through-type terminal, 6 mm<sup>2</sup>, black

Model	
product brand name	SENTRON
product designation	Terminal blocks
design of the product	through-type terminal
product version	through-type terminal, for mounting on mounting rail acc. to IEC 60715
design of terminal terminal levels internally linked	No
General technical data	
terminal contact spacing	8 mm
operating voltage rated value	1 000 V
Protection class	
combustibility class according to UL 94	V0
Main circuit	
operational current rated value	41 A
Appearance	
color	black
Product details	
product component required end cover plate	Yes
Number	
number of terminal levels	1
number of terminal points per terminal level	2
Connections	
<b>connectable conductor cross-section solid</b>	
• minimum	0.2 mm <sup>2</sup>
• maximum	10 mm <sup>2</sup>
<b>connectable conductor cross-section stranded</b>	
• minimum	2.5 mm <sup>2</sup>
• maximum	0.2 mm <sup>2</sup>
<b>connectable conductor cross-section finely stranded</b>	
• with core end processing minimum	0.25 mm <sup>2</sup>
• with core end processing maximum	6 mm <sup>2</sup>
• without core end processing minimum	0.2 mm <sup>2</sup>
• without core end processing maximum	10 mm <sup>2</sup>
<b>tightening torque with screw-type terminals</b>	
• minimum	1.5 N·m
• maximum	2 N·m
<b>type of connection 1</b>	screw-type terminal
<b>type of connection 2</b>	screw-type terminal
<b>position of the terminal</b>	lateral
Mechanical Design	
<b>height</b>	48 mm
<b>height with lowest-profile installation</b>	47.5 mm
<b>depth</b>	46.9 mm
<b>length</b>	48 mm
<b>fastening method</b>	TH35 DIN rail
<b>Net Weight</b>	14 g
material of the insulating body	PA
Environmental conditions	
<b>ambient temperature during operation</b>	
• minimum	-60 °C
• maximum	105 °C

## Approvals Certificates

Environment	General Product Approval				
<a href="#">Environmental Confirmations</a>	<a href="#">Environmental Confirmations</a>				<a href="#">Confirmation</a>
General Product Approval	other				
	<a href="#">Confirmation</a>		<a href="#">Miscellaneous</a>		

## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

### Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WH1000-0AH08>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0AH08>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH1000-0AH08](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0AH08)

### CAX-Online-Generator

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

### Tender specifications

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

### Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)

last modified:

5/9/2025 