



Figure similar

Terminal, screw terminal, through-type terminal, 6 mm², red

Model	
product brand name	SENTRON
product designation	Terminal blocks
design of the product	terminal block
product variations	through-type terminal, for mounting on mounting rail acc. to IEC 60715
design of terminal terminal levels internally linked	No
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	red
Product details	
product component required end cover plate	Yes
Number	
number of terminal levels	1
number of terminal points per terminal level	2
Connections	
connectable conductor cross-section solid	
• minimum	0.2 mm ²
• maximum	10 mm ²
connectable conductor cross-section stranded	
• minimum	2.5 mm ²
• maximum	0.2 mm ²
connectable conductor cross-section finely stranded	
• with core end processing minimum	0.25 mm ²
• with core end processing maximum	6 mm ²
• without core end processing minimum	0.2 mm ²
• without core end processing maximum	10 mm ²
tightening torque with screw-type terminals	
• minimum	1.5 N·m
• maximum	2 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	15 g
material of the insulating body	Other

Environmental conditions

ambient temperature during operation	
• minimum	-60 °C
• maximum	105 °C

Approvals Certificates

General Product Approval	other
--------------------------	-------



[Confirmation](#)



[Confirmation](#)

other	Environment
-------	-------------

[Miscellaneous](#)

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

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=8WH1000-0AH02>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0AH02>

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

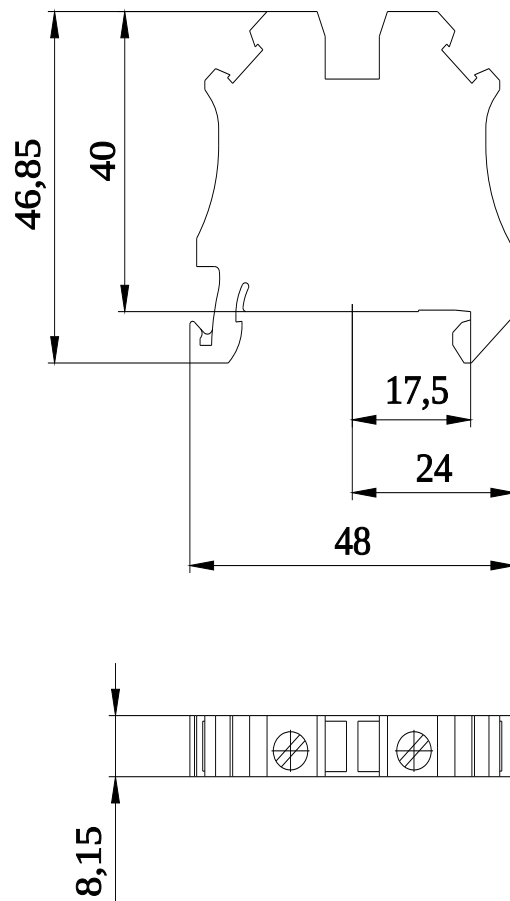
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0AH02

CAX-Online-Generator

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

Tender specifications

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



last modified:

3/12/2024 

