



Terminal, screw terminal, through-type terminal, 50 mm<sup>2</sup>, gray

Model	
product brand name	SENTRON
product designation	Terminal blocks
design of the product	through-type terminal
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	150 A
Appearance	
color	grey
Product details	
product component required end cover plate	No
Number	
number of terminal levels	1
number of terminal points per terminal level	2
Connections	
connectable conductor cross-section solid	
• minimum	16 mm <sup>2</sup>
• maximum	70 mm <sup>2</sup>
connectable conductor cross-section stranded	
• minimum	16 mm <sup>2</sup>
• maximum	10 mm <sup>2</sup>
connectable conductor cross-section finely stranded	
• with core end processing minimum	25 mm <sup>2</sup>
• with core end processing maximum	50 mm <sup>2</sup>
• without core end processing minimum	25 mm <sup>2</sup>
• without core end processing maximum	70 mm <sup>2</sup>
tightening torque with screw-type terminals	
• minimum	6 N·m
• maximum	8 N·m
type of connection 1	screw-type terminal
type of connection 2	screw-type terminal
position of the terminal	lateral
Mechanical Design	
height	75.45 mm
height with lowest-profile installation	26 mm
depth	75.8 mm

length	71 mm
fastening method	TH35 DIN rail
net weight	119 g
material of the insulating body	Other

### Environmental conditions

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

### Approvals Certificates

General Product Approval	Declaration of Con- formity	other
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[Confirmation](#)



[Confirmation](#)

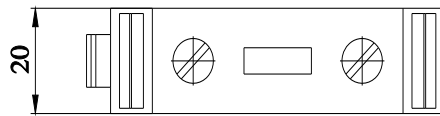
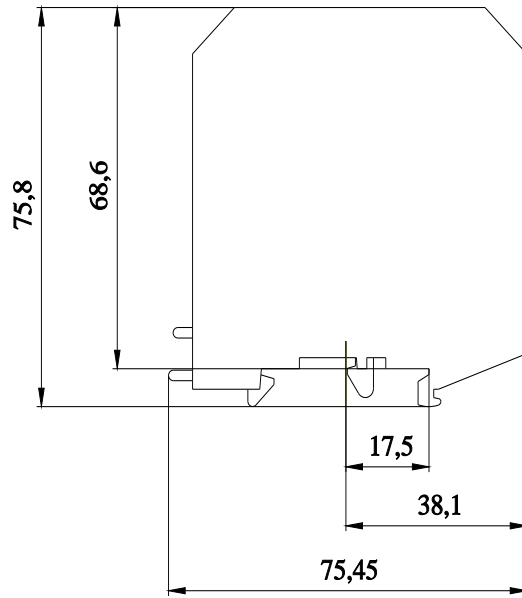
[Miscellaneous](#)

### Environment

[Environmental Con-  
firmations](#)

### Further information

- Siemens has decided to exit the Russian market (see here).**  
<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>
- Siemens is working on the renewal of the current EAC certificates.**  
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
- 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=8WH1000-0AN00>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-0AN00>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8WH1000-0AN00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-0AN00)
- CAX-Online-Generator**  
<http://www.siemens.com/cax>
- Tender specifications**  
<http://www.siemens.com/specifications>



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