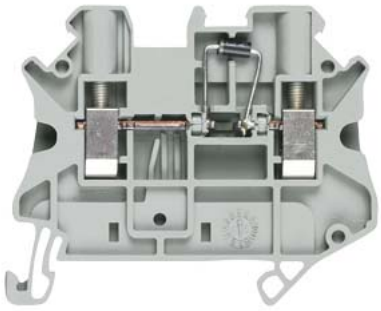
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Data sheet 8WH1000-6LG00

Terminal, screw terminal, isolating terminal with diode, 4 mm², gray



Model	
product brand name	SENTRON
product designation	Terminal blocks
design of the product	isolating terminal
design of terminal terminal levels internally linked	No
General technical data	
insulation material	PA
terminal contact spacing	6.2 mm
operating voltage rated value	800 V
Protection class	
combustibility class according to UL 94	V0
Main circuit	
operational current rated value	0.5 A
Appearance	
color	grey
Number	
number of terminal levels	1
number of terminal points per terminal level	2
Connections	
stripped length	9 mm
connectable conductor cross-section solid	
● minimum	0.14 mm²
● maximum	6 mm²
connectable conductor cross-section stranded	
● minimum	1.5 mm²
● maximum	4 mm²
connectable conductor cross-section finely stranded	
● with core end processing minimum	0.14 mm²
● with core end processing maximum	4 mm²
● without core end processing minimum	0.14 mm²
● without core end processing maximum	6 mm²
tightening torque with screw-type terminals	
● minimum	0.6 N·m
● maximum	1 N·m
type of connection 1	screw terminals
type of connection 2	screw terminals
position of the terminal	side
Mechanical Design	
height with lowest-profile installation	57.8 mm

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depth	47.5 mm
length	48 mm
fastening method	TH35 DIN rail
Net Weight	11 g
material of the insulating body	PA

Environmental conditions

ambient temperature during operation	
● minimum	-25 °C
● maximum	-165 °C

Approvals Certificates

Environment		General Product Approval			
Environmental Confirmations	Environmental Confirmations	CSA	cULus	EAC	Confirmation

General Product Approval	other		
CE EG-Konf.	Confirmation	Miscellaneous	产品合格 QC PASS

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=8WH1000-6LG00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/8WH1000-6LG00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WH1000-6LG00
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/8WH1000-6LG00

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