



Powercenter1000 max. 24 SENTRON COM devices Modbus TCP Bluetooth Power supply DC 24V Please consider Radio approval! List of countries: see Certificates

Model	
product brand name	SETRON
product designation	Data transceiver
design of the product	data transceiver for SETRON COM circuit protection devices with communication and measuring function via radio
product type designation	Powercenter 1000
design of the housing	DIN rail device
General technical data	
degree of pollution according to EN 60664-1	2
number of interfaces according to wireless	wireless, Bluetooth
guideline via radio-controlled system	2014/53/EU
frequency with radio transmission minimum	2 400 MHz
frequency with radio transmission maximum	2 483.5 MHz
vibration resistance under ambient conditions according to IEC 60068-2-6	1-6 Hz, 15 mm, 6-500 Hz, 20 m/s ²
consumed current maximum	100 mA
Supply voltage	
supply voltage at DC rated value	
• minimum	19.2 V
• maximum	28.8 V
type of voltage of the supply voltage	24 V DC SELV
Protection class	
protection class IP	IP20
Suitability	
suitability for use	SETRON COM circuit protection devices (radio)
Communication	
number of interfaces according to wireless	2
standard for wireless communication bluetooth note	V5.1,
number of interfaces according to Industrial Ethernet	1
protocol is supported	
• MODBUS protocol	Yes
• other protocols	Yes
Number	
number of supported devices	24
type of terminals screwless	yes
connectable conductor cross-section	
• minimum	0.2 mm ²
• maximum	1.5 mm ²
Mechanical Design	

height	90 mm
width	18 mm
depth	70 mm
fastening method rail mounting	Yes
Net Weight	74 g

Environmental conditions

relative humidity with condensation according to IEC 60068-2-38 maximum	93 %
relative humidity with condensation according to IEC 60068-2-38	RH incl. condensation/frost (no commissioning with condensation)
shock acceleration during operation according to EN 60068-2-27	150 m/s ² , 11 ms
ambient temperature during operation	
• minimum	-25 °C
• maximum	60 °C
ambient temperature during storage and transport	
• minimum	-40 °C
• maximum	85 °C

Approvals Certificates

Environment	General Product Approval
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[Environmental Confirmations](#)



[Confirmation](#)



General Product Approval	Radio Equipment Type Approval Certificate	Test Certificates	other
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[Miscellaneous](#)

[Miscellaneous](#)

[Type Examination Certificate](#)



[Confirmation](#)

Railway

[Special Test Certificate](#)

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=7KN1110-0MC00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7KN1110-0MC00>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KN1110-0MC00

CAX-Online-Generator

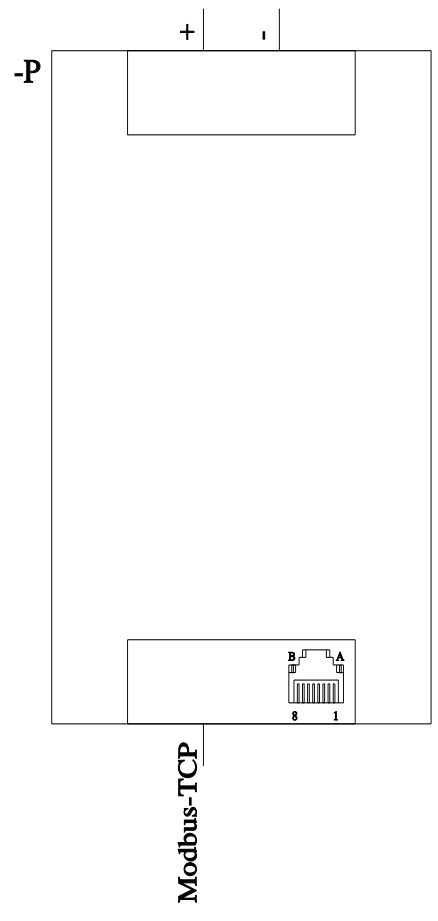
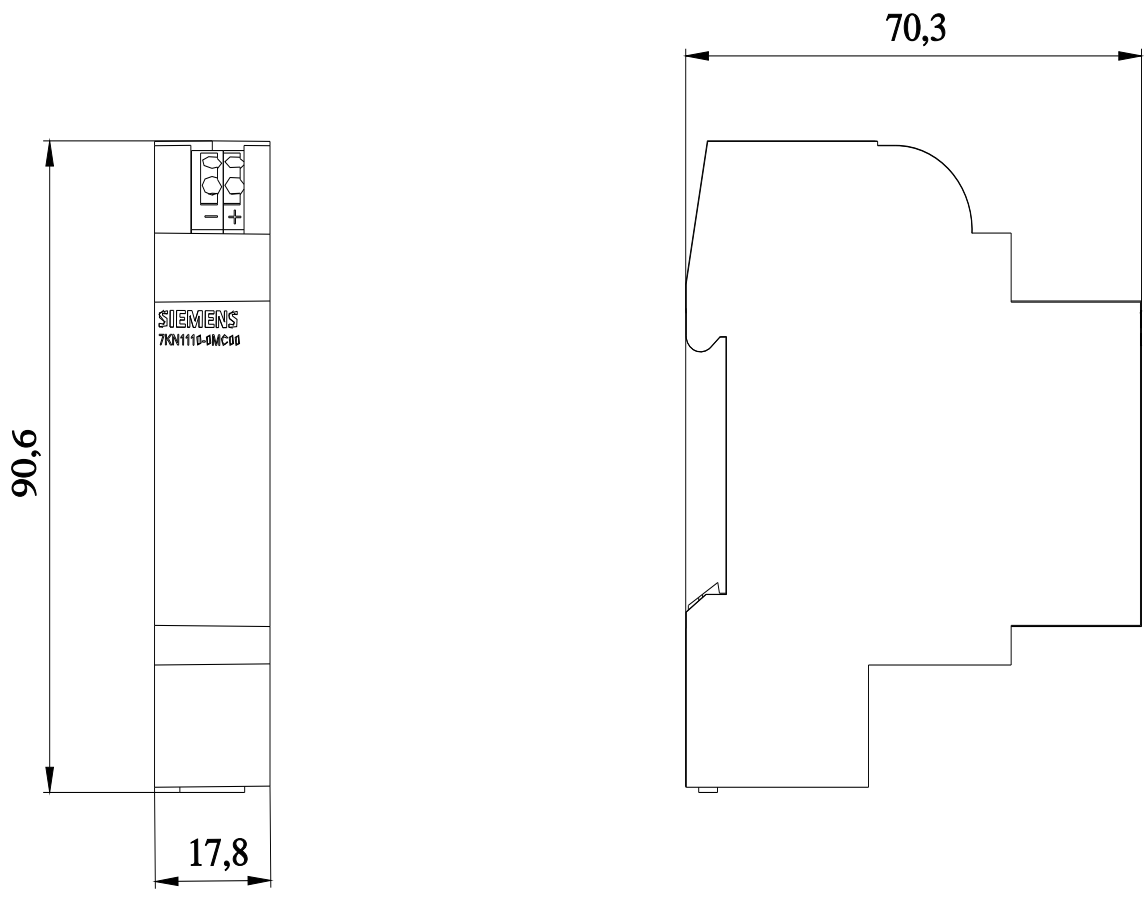
<https://www.siemens.com/cax>

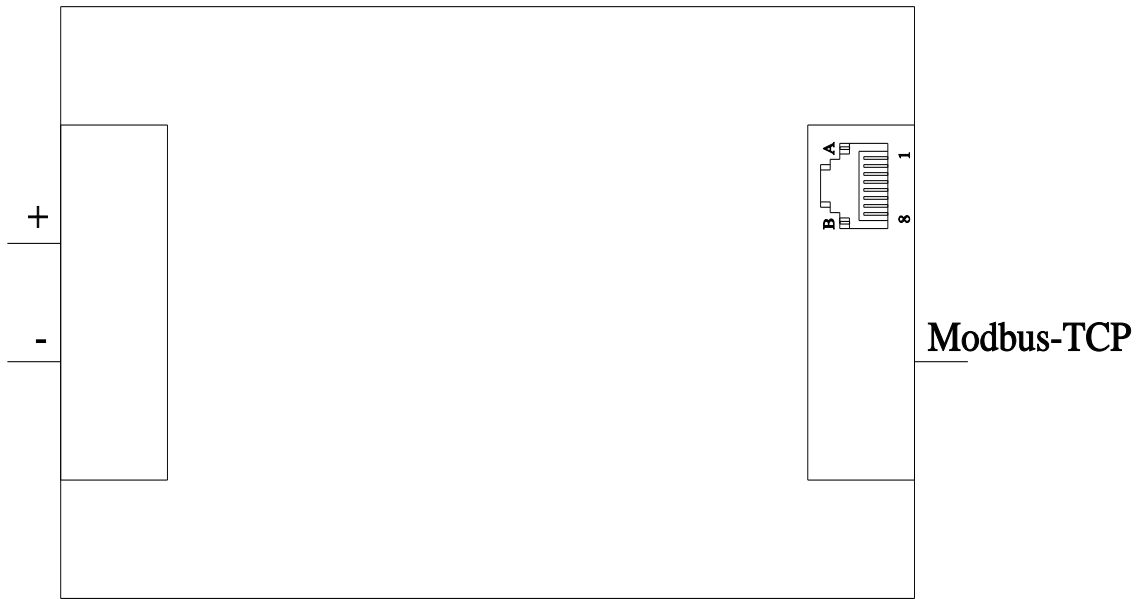
Tender specifications

<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=)





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