## **SIEMENS**

Data sheet 3VA9987-0TA20



breaker data server COM100 accessory for: 3VA

product brand name	SENTRON		
product designation	COM100 breaker data server		
design of the product	Accessories for 3VA  Communication and measurement function		
accessories	Communication and measurement function		
eneral technical data			
suitability for operation	Installation in fixed switchboard inside enclosed rooms		
mounting position	any		
degree of pollution	2		
overvoltage category	1		
operating resource protection class	III according to IEC61558		
protection class IP	IP20 according to IEC60529		
echanical Design			
product function			
<ul> <li>electronic tripping unit power supply</li> </ul>	Yes		
<ul> <li>detection of switch position: On, Off, Tripped</li> </ul>	Yes		
<ul> <li>communication with function module</li> </ul>	Yes		
data exchange with the electronic tripping unit	Yes		
number of interfaces / according to Fast Ethernet	1		
type of electrical connection / of the fast Ethernet interface	RJ45		
design of cable / connectable / twisted pair	Yes		
protocol / at the Ethernet interface / is supported	Modbus TCP		
transfer rate / 2 / for Ethernet	100 Mbit/s		
number of active connections / at the Ethernet interface	5		
product function			
<ul> <li>at the Ethernet interface / auto-MDI(X)</li> </ul>	Yes		
• at the Ethernet interface / serial gateway	Yes		
• at the communication interface / Modbus RTU protocol	Yes		
number of interfaces / of the circuit breaker communication system	2		
number of bus termination connectors / on circuit breaker communication system	2		
number of circuit breakers / directly connectable	1		
total length / of the circuit breaker communication system	20 m		
number of interfaces / for expansion modules	1		
protocol / is supported			
PROFIBUS DP protocol	Yes		
PROFINET IO protocol	Yes		
power loss [W] / rated value	5 W		
power loss [W] / of the circuit breaker communication interface / at maximum expansion	26.9 W		

General Product Approval	EMC	Declaration of Conformity	Test Certificates	
Certificates				
installation depth / without expansion module / maximum		33.5 mm		
installation depth / with expansion module / maximum		56.5 mm		
connections according IEC				
• maximum	80 °	0° 08		
• minimum	-40	-40 °C		
ambient temperature / during storage				
maximum	80 °	80 °C		
• minimum	-40	-40 °C		
ambient temperature / during transport				
maximum	70 °	70 °C		
• minimum	-25	-25 °C		
ambient temperature / during operation				
type of connectable conductor cross-sections / at th inputs / for AWG cables / solid	e digital 2x 2	2x 20 to 14		
type of electrical connection / at the inputs for suppl	voltage scre	screw-type terminals		
type of electrical connection	rem	ovable/pluggable		
net weight	125	125 g		
depth	33.5	mm		
number of modular width units	5	5		
width	90 r	90 mm		
height	90 r	90 mm		
consumed current / maximum	1.1	1.1 A		
relative symmetrical tolerance / of the operating ran control feed voltage	ge of the 20 %	20 %		
control supply voltage / at DC / rated value / maximu	ım 24 \	24 V		

**Miscellaneous** 









Type Test Certificates/Test Report

Marine / Shipping other Environment



**Miscellaneous** 

Confirmation

**Miscellaneous** 

Environmental Confirmations

## Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$ 

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=3VA9987-0TA20

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA9987-0TA20

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

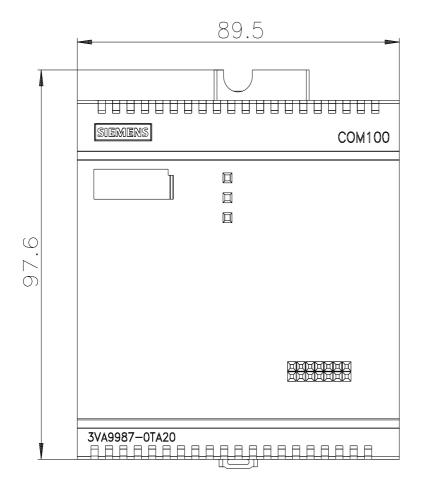
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA9987-0TA20

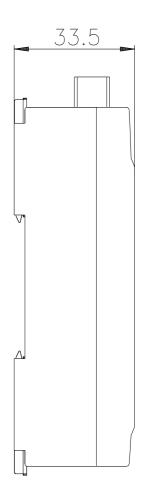
**CAx-Online-Generator** 

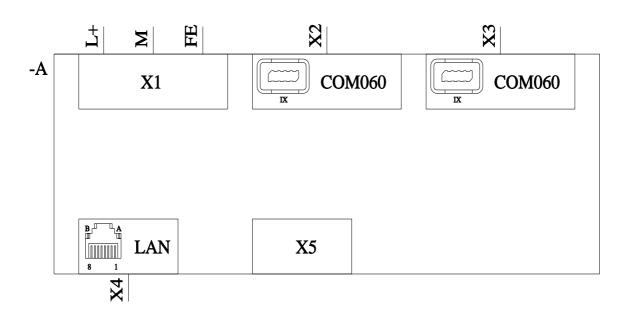
http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications







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