

Accessory circuit breaker 3WA, COM190 COM module PROFINET IO  
Modbus TCP



Model	
product brand name	SENTRON
product designation	3WA circuit breaker accessories
design of the product	PROFINET-IO/Modbus-TCP module COM190
General technical data	
overvoltage category	1
degree of pollution	3
relative symmetrical tolerance / of the operating range of the control feed voltage	20 %
protection class IP	20 acc. to IEC60529
operating resource protection class	III according to IEC61558
consumed current / maximum	0.09 A
control supply voltage / at DC / rated value / maximum	24 V
suitability for operation	installation in stationary switchboards inside closed rooms
product component / status LED	Yes
product function	
• data exchange with the electronic tripping unit	Yes
• detection of position of circuit breaker in the guide frame	Yes
• function keys	Yes
• hardware switch protection	Yes
• hardware write protection	Yes
• communication with CubicleBUS modules	Yes
number of circuit breakers / directly connectable	1
type of connectable conductor cross-sections / at the supply voltage / at AWG cables / solid	1x 20 to 16
type of electrical connection	
• at the inputs for supply voltage	removable/plug-in with push-in technology
• of the circuit breaker communication interface	RJ45 (8P8C)
height	42.3 mm
width	72 mm
number of modular width units	2.5
mounting position	on the circuit breaker or on the standard mounting rail
net weight	190 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-40 °C
• maximum	70 °C
ambient temperature / during storage / minimum	80 °C
ambient temperature / during transport	

- minimum
- maximum

-40 °C  
80 °C

General Product Approval	EMC	Declaration of Conformity	other
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[UK Declaration of Conformity](#)

[Miscellaneous](#)

[PROFINET-Certification](#)

EG-Konf.

#### Further information

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=3WA9111-0EC13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WA9111-0EC13>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WA9111-0EC13](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WA9111-0EC13)

CAX-Online-Generator

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

Tender specifications

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



