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Data sheet 3WA9111-0EC13

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



Model	
product brand name	SENTRON
product designation	Communication module
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 %
consumed current maximum	0.09 A
protection class IP	20 acc. to IEC60529
operating resource protection class	III according to IEC61558
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 for AWG cables solid	1x20 ... 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 mm
width	72 mm
number of modular width units	3
mounting position	on the circuit breaker or on the standard mounting rail
Net Weight	300 g
Environmental conditions	
ambient temperature during operation	
● minimum	-40 °C
● maximum	70 °C
ambient temperature during storage minimum	80 °C
ambient temperature during transport	

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• minimum	-40 °C
• maximum	80 °C

Approvals Certificates

General Product Approval				EMV	Test Certificates
					Special Test Certific-ate

Test Certificates		Maritime application	other		Environment
Miscellaneous	Type Test Certific-ates/Test Report			Confirmation	

Environment	Industrial Communication
	PROFINET

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=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, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WA9111-0EC13
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications

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