









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	
<ul style="list-style-type: none"> • data exchange with the electronic tripping unit 	Yes
<ul style="list-style-type: none"> • detection of position of circuit breaker in the guide frame 	Yes
<ul style="list-style-type: none"> • function keys 	Yes
<ul style="list-style-type: none"> • hardware switch protection 	Yes
<ul style="list-style-type: none"> • hardware write protection 	Yes
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • at the inputs for supply voltage 	removable/plug-in with push-in technology
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • minimum 	-40 °C
<ul style="list-style-type: none"> • maximum 	70 °C
ambient temperature during storage minimum	80 °C
ambient temperature during transport	
<ul style="list-style-type: none"> • minimum 	-40 °C
<ul style="list-style-type: none"> • maximum 	80 °C

Approvals Certificates

General Product Approval	EMV	Test Certificates			
 EG-Konf.		 UL		 RCM	Special Test Certificate

Test Certificates	Maritime application	other	Environment		
Miscellaneous	Type Test Certificates/Test Report	 LRS		Confirmation	

Environment	Industrial Communication
	PROFINET

Further information

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=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

CAX-Online-Generator

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

Tender specifications

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

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