



Figure similar

AS-Interface module F90, digital 16 DI (multiplexing) 16 x inputs for 2-wire sensor Connection via Combicon Width 90 mm Combicon connector set 3RX9810-0AA00 must be ordered separately

General technical data		
design of the product		F90 module - I/O modules for operation in the control cabinet, IP20
design of the device type		standard slave
type of electrical connection of the inputs and outputs		combicon connection
Sensor supply		
type of voltage supply for sensor supply		using AS-Interface
input voltage	V	20 ... 30
property of the sensor supply short-circuit and overload resistant		Yes
ampacity of the sensor supply for all inputs at ambient temperature 40 °C	mA	200
Inputs		
number of digital inputs		16
type of connection technology		PNP transistor
type of voltage of the input voltages		DC
input current at digital input		
• for signal <1> minimum	mA	3
Outputs		
number of digital outputs		0
property of the output short-circuit proof		No
Ambient conditions		
ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
protection class IP		IP20
Mechanical data		
width	mm	90
height	mm	75
depth	mm	37
fastening method		35 mm standard rail mounting
Certificates/ approvals		
General Product Approval	EMV	Maritime application



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#### 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/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RG9004-0DE00>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RG9004-0DE00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RG9004-0DE00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RG9004-0DE00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RG9004-0DE00&lang=en)

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