sat-nms IOM-E16 – Input Module 16 Inputs
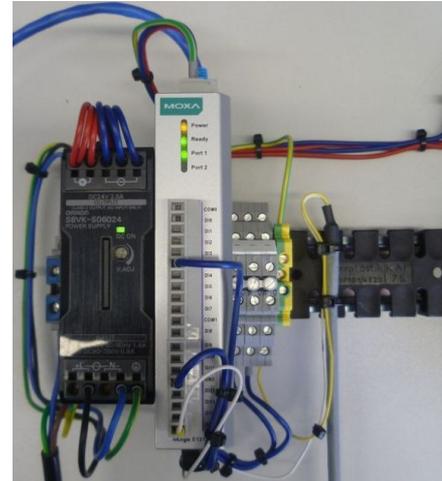
The *sat-nms* IOM-E16 is an Ethernet based input data acquisition module with 16 digital inputs. The unit provides a simple and cost effective solution for simple digital inputs only like equipment alarm contacts or status signals. It provides opto-coupled inputs with included power supply for external dry contacts. An external power supply is also possible in configuration as wet contact.

The complete unit consists of a power supply, the core IO-Module and a terminal block with additional ground inputs for an easy cabling. All units are DIN-Rail mountable.

The *sat-nms* IOM-E16 interfaces smoothly with the *sat-nms* MNC and *sat-nms* NMS or any other Monitoring & Control and Network Management System via Ethernet for remote control. The used protocol is Modbus/TCP.

(Optional: IOM-E16-M, 19inch Rackmount Frame with one integrated Power Supply)

Technical Specification

General Interfaces

Digital Inputs	16 Channels
Input Type	Wet Contact, Dry Contact
Dry Contact	Logic 0 (On): short to ground
	Logic 1 (Off): open
Wet Contact	Type Sink or Source (needs additional cabling!)
	Logic 0 (On): 0 to 3VDC
	Logic 1 (Off): 10 to 30VDC
Wiring	Screw Terminal up to 2mm²
	Terminal Block for ground distribution

M&C Interface Specification

Ethernet Interface	2 x 10/100 Mbps switch ports, RJ45
User Interface	Via any Web-Browser for configuration
MNC Interface for Remote Monitoring & Control	Modbus/TCP Protocol

Electrical and Mechanical Specification, Environmental Conditions

Supply Voltage	100-240VAC for 24VDC Power Supply
Power Consumption 24VDC	110mA
Power Supply Connector	Screw Terminal at Power Supply
Temperature Range	0° to 60°C
Humidity	Up to 90% non-condensing
Dimensions	100x140x115mm (without cable relief)
Weight	0,5kg (without DIN-Rail)

Applications

- Monitoring of Alarm and Status Contacts

Key Features

- Ethernet Interface
- 16 Digital Inputs
- Easy Cabling
- Simple and cost effective
- Interfaces to any higher Level MNC System

Contact Information

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