



I/O Module

IOM442



- 4 Digital Inputs
- 4 Digital Outputs
- 4 Analog Inputs
- 1 LAN-port 10/100 mbps
- 1 RS485 serial port
- HTTP, Telnet, Modbus TCP support
- DIN-rail Mounting
- Temperature Range: -20°C to +60°C

With the I/O Modules of the serie IOM442 it is possible to control and read digital in- and out-puts. It can range from simple applications like controlling of lightning systems, garage and roller shutter systems to industrial digital measuring-, servo- and control systems. Via further A/D inputs it is possible to measure voltage and currents.

Applications

- * Industrial PCs



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IP and Network Features

TCP/IP Protocols	IPv4 (IPv6 optional) HTTP, Telnet, Modbus TCP, ICMP, IPMPv6, ARP
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Ports and Connectors

Analog Inputs	4 Screw-type Terminals, 10-Bit A/DC (single-ended or 2x2 differential), Input Range: 0 V to 30 V
Digitale Inputs	4 Screw-type Terminals, isolated Opto-coupler Inputs with configurable potential, Input Range: 0 V to 30 V, Thresholds: 2 (configurable)
Relais Outputs	4 Screw-type Terminals, Solid-State-Relays, max. 8 A / 36 V
LAN Interfaces	1 RJ45 Ethernet, 10100 mbps, MDI/MDI-X, Autonegotiation
Serial Ports	1 RS485 (Modbus RTU slave)
Power Supply	1 Screw-type Terminal, 9 V to 24 V (max. 28 V) DC, max. 0,5 W

Mechanical Data

Housing	DIN-rail Housing (ABS) acc. to DIN 43880
Safety Class	IP30
Mounting	DIN-rail (EN 50022), Wall-mounting option
Size	70 x 68 x 82 mm (W x H x T), equals 4 SU
Environmental Conditions	-20 to +60°C (Operation) 5 to 95 % (not condensing)
Weight	178 g

Certifications

Conformities	CE
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Order Information

Product Description	Order Code
I/O Module IOM442 (IPv4 Version)	IOM442-4
I/O Module IOM442 (Ipv6 Version)	IOM442-6
Wall-mount kit	WALLMNTKIT