



ModBUS RS485 module with 16 inputs – 8 digital outputs

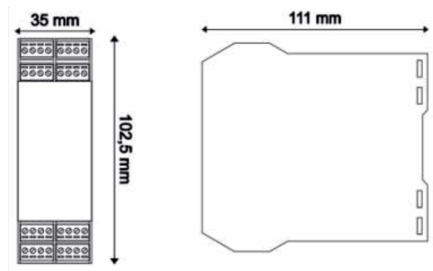
- 16 DI with common negative
- 8 DO Mosfets with common negative
- Baud rate and MODBUS Node ID via DIP-switch
- Mounting with Z-PC-DINAL1-35

The **KET-IOD-100** is a module with 16 digital inputs with common negative, self-powered at 16 VDC, 8 of which can be set as 32-bit counters with a maximum frequency of 10 kHz. It also has 8 Mosfet digital outputs with common negative collectively powered by 5 - 30 Vdc. The digital outputs are available either from terminals or via an IDC10 connector to facilitate connection to external relays. The KET-IOD-100 has an RS485 serial communication interface with MODBUS-RTU protocol. It requires the DIN-rail quick-mount bracket, Z-PC-DINAL1-35, equipped with removable screw connectors for power supply and 485 wiring.

KET-IOD-100

Applications

Building management system



LE SPECIFICHE TECNICHE E LE IMMAGINI RIPORTATE IN QUESTA SCHEDA TECNICA SONO SOGGETTE A VARIAZIONI E AGGIORNAMENTI

Technical Features	
General specifications	Protection Range: IP20 Operative Temperature: -20 ÷ +65 °C Storage Temperature: -20 ÷ +85 °C Relative Humidity: MAX 85% not condensing
Case	Dimensions: 35 x 102.5 x 111 mm (W x H x D) Mounting: 35mm DIN rail IEC EN60715 Material: Nylon 6 filled with 30% glass fibre, self-extinguishing class V0
Power supply	Supply Voltage: 10 ÷ 40 VDC; 19 ÷ 28 VAC Consumption: < 2.5 W Connectors types: Screw terminals on Z-PC-DINAL1-35
Rs485 interface	Supported Protocols: ModBUS RTU Communication Rate: 2.4 ÷ 115.2 Kpbs Isolation: 1,5 kVac (3 vie) Connectors types: Screw terminals on Z-PC-DINAL1-35
Digital inputs	Channels: 16 (con negativo comune autoalimentati a 16 VDC)
Digital outputs	Channels: 8 Mosfet type (open source) with common negative Voltage Output: 5 ÷ 30 VDC
Certifications	Referends Standard: EN 61000-6-4, EN 64000-6-2, EN 61010-1 Approvals: CE