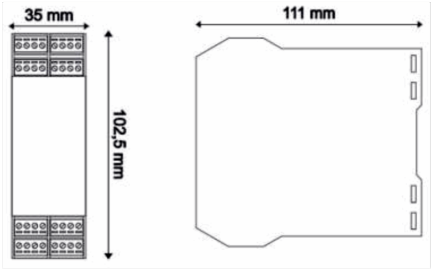
kerberos



KET-IOD-100

Applications

Building management system



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

ModBUS RS485 module with 16 inputs – 8 digital outputs

- **16 DI with common negative**
- **8 DO Mosfets with common negative**
- **Baud rade 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.

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