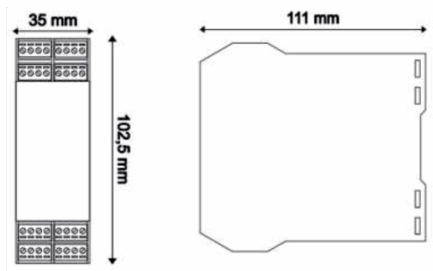




# KET-IOD-100

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 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.

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