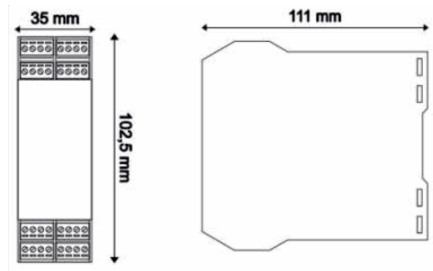




KET-IOD-100

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	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 Required din modules: Electric board type: 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	Channels: 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 inputs:
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 Security: Metrology: