kerberos



KET-DDX-410

Applications

Building management system

ModBUS multifunction I/O module with 4 digital inputs and 4 relay outputs

- **For data acquisition and control of external devices**
- **Relay outputs 12 A @ 250 VAC, 12 A @ 24 VDC**

- **ModBUS RTU Slave interface**
- **Led display of input/output status**

The **KET-DDX-410**, designed for the realization of control systems used in building automation, is an I/O module with 4 digital inputs for **clean contact** (max 30 Hz) and 4 digital outputs SPDT relays type NC C NO with capacity **12 A @ 250 VAC, 12 A @ 24 VDC** and maximum inrush current up to 100 A.
It is equipped with an interface with 4 leds to display the status of each input/output selectable through a practical keyboard and with an **F-RAM** memory to maintain the configured parameters in case of power failure.
The KET-DDX-410 supports RS485 serial communication with **MoDBUS RTU Slave protocol**.
DIN rail mounting and removable spring clamp terminals make it easy to install in any industrial control cabinet.

Technical Features

General specifications	**Protection Range**: IP30 **Operative Temperature**: -10 ÷ +60 °C
Case	**Dimensions**: 53.5 x 90.5 x 61 mm (W x H x D) **Mounting**: DIN-rail **Required DIN modules**: 3 DIN modules **Electric Board Type**: Industrial **Material**: Blend PC/ABS self extinguishing UL94-VO
Power supply	**Supply Voltage**: 12 ÷ 48 VDC/AC **Consumption**: 370 mA **Connectors types**: Removable spring clamps
Datalogger function	**Memory Type**: F-RAM: storage of parameters in case of power failure
Rs485 interface	**Supported Protocols**: ModBUS RTU Slave **Isolation**: Isolated **Connectors types**: Removable spring clamps
Digital inputs	**Channels**: 4 digital inputs for clean contact (Max. 30 Hz)
Rele' outputs	**Channels**: 4 digital relay outputs SPDT with NC C NO changeover contact **Maximum Switching Voltage**: 250 VAC, 24 VDC **Maximum Rated Current**: 8 A **Max. Inrush Peak Currents**: High-Inrush model: Inrush peak currents up to 100 A **Isolation**: 1,000 MOhm min @ 500 VDC