



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

KET-DDX-410

Applications

Building management system

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-V0
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)
Relay 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