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 Storage Temperature: Relative Humidity:
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 ÷ 24 VAC / 12 ÷ 36 VDC Consumption: 370 mA Connectors types: Removable spring clamps
DATALOGGER FUNCTION	Memory Type: F-RAM: storage of parameters in case of power failure Data Storage Capacity:
RS485 INTERFACE	Channels: Supported Protocols: ModBUS RTU Slave Communication Rate: Isolation: Isolated Connectors types: Removable spring clamps
DIGITAL INPUTS	Channels: 4 digital inputs for clean contact (Max. 30 Hz) Digital Inputs:
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 Voltage Output: Isolation: 1,000 MOhm min @ 500 VDC

