kerberos

IP30 RS485 ModBUS



KET-XDC-112

2-channel DC ModBUS meter with 4 relays for load shedding and signaling and 4 digital inputs

- **12-48 VDC power supply, suitable for TelCo environments**
- **Relay outputs 16 A@24 VDC (NO) - 5 A@24 VDC (NC)**
- **2 Hall effect sensors: range ±200 A**
- **LED status display of inputs/outputs**

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 to 48 VDC **Consumption**: 370 mA **Connectors types**: Removable spring clamps
Datalogger function	**Memory Type**: F-RAM: storage of parameters in case of power failure
Rs485 interface	**Channels**: 1 **Supported Protocols**: ModBUS RTU Slave **Communication Rate**: 9600 to 38400 bps; set to 38400 bps by default **Isolation**: Isolated **Connectors types**: Removable spring clamps
Digital inputs	**Channels**: 4 digital inputs for dry contact (Max. 30 Hz)
Analog inputs	**Channels**: 2 for Hall effect sensors
Rele' outputs	**Channels**: 4 digital relay outputs SPDT with NC C NO changeover contact **Maximum Switching Voltage**: 24 VDC **Maximum Rated Current**: 16 A@24 VDC (NO relay); 5 A@24 VDC (NC relay) **Max. Inrush Peak Currents**: High-Inrush model: Inrush peak currents up to 100 A **Isolation**: 1,000 MOhm min @ 500 VDC
Current sensor	**Sensor Type**: Hall effect probe **Current Range**: ±200 A **Voltage Output**: 1.5 to 3.5 V **Internal Resistance**: =10 kO **Precision**: <=2.0% (T=25°C VC=±15V) **Linearity**: =2.0% (T=25°C) **Hi Pot Test**: 3.0 kV/min