kerberos



KET-REL-200.NR

Unresinated Wireless Relays for Industrial Environments

- **Detects the operating state of the load**
- **Suitable for industrial and road uses**
- **Integrated repeater function**
- **Integrated thermostat function**

The switch insert wireless relay **KET-REL-200** allows **remote control** of loads up to **8 A** even with particularly high peak current (inrush current up to **100 A**).
The small size allow inside fixtures such as ceiling lights, street lamps, etc.
IP40 degree of protection without internal resination.
Integrated diagnostic function allows to monitor the load, revealing any malfunctions.
The **repeater function is integrated** and the amplified radio allow to extend the X-Monitor network simply and economically.
The entrance for clean contact function steering, alarm, or counter counts seconds allows the use of the module in many different design situations.
The **integrated thermostat function** allows to create local emergency logics on temperature threshold and hysteresis programmable remotely.

Technical Features	
General specifications	**Protection Range**: IP40 **Operative Temperature**: -15 ÷ +60 °C
Case	**Dimensions**: 100 x 45 x 30 mm (W x H x D) **Mounting**: Wall mounting **Material**: Black nylon
Power supply	**Supply Voltage**: 230 VAC with integrated power supply (50-60 Hz) **Consumption**: 1.5 VA **Connectors types**: Device supplied with pre-skinned cable terminals
Digital inputs	**Channels**: 1 **Digital Inputs**: for clean contact with control, alarm, pulse counter, second counter, etc. functions.
Analog inputs	**Channels**: 1 in common with the digital input. Allows connection with a PT1000 temperature probe
Rele' outputs	**Channels**: Remote control of loads **Voltage Output**: 250 VAC @ 16 A; 24 VDC @ 16 A **Maximum Rated Current**: 8 A **Isolation**: Class II
Radio module	**Supported Protocols**: X-Monitor Protocol (X-MP) / IEEE 802.15.4 / ZigBee™ Pro 2.0 **Radio Frequency**: 2.4 GHz ISM Band **Output Power**: +3 ÷ +20 dBm **Sensitivity**: -104 dBm **Antenna Type**: RPSMA connector, 90° antenna supplied **Max Distance (Free Air)**: Over 1000 m
Functionality	**Radio Signal Indicator**: Integrated (LinkQuality) **Output Power Adjustment**: From local keyboard and remotely **Firmware Upgrade**: Via radio
Integrated functions	**Services**: Load diagnostics supported. Emergency thermostat function on remotely programmable temperature and hysteresis thresholds.