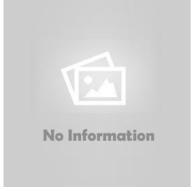
KET-DIM-100.NR



APPLICATION

Smart City





unresinated wireless control module with 0-10V output

- Device control with 0-10 V input
- Designed for road applications
- Integrated repeater function
- Extended radio range

KET-DIM-100.NR is a wireless analog control module designed for the remote control of various devices, including lamps, pumps, and motors, equipped with a 0-10 V?regulation input. Its wireless nature simplifies installation and offers flexible device management. Its compact dimensions make it ideal for integration within lighting equipment such as ceiling lights and street lamps. It features an IP40 protection rating without internal resin coating. Thanks to the integrated repeater function and the amplified radio, the KET-DIM-100.NR facilitates the simple and cost-effective expansion of the X-Monitor network, leveraging IEEE 802.15.4 wireless communication technology.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP40 Operative Temperature: -15 ÷ +70 °C Storage Temperature: Relative Humidity:
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 OUTPUTS	Output Type: Remote control of devices with a 0-10 V control input
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 User menu: Support for public environment:
INTEGRATED FUNCTIONS	Services: Supported load diagnostics and apparent energy metering in kW/h