

KET-THL-210



APPLICATIONS
Building management system
Data Centres and racks
Thermoregulation

VERSIONS
KET-THL-200.S



MAGGIORI CONTENUTI ONLINE

Temperature, Humidity and Light Sensor with RS485 port

- Display LCD
- High-precision digital sensors
- RS485 ModBUS RTU ports
- Thermostat function

The **KET-THL-210** combines a digital ambient temperature and relative humidity sensor in a **compact device** which, together with the integrated light sensor, provides **complete environmental monitoring**. It communicates with the X-Monitor network through the RS485 ModBUS RTU interface. The KET-THL-210 is powered by 12 ÷ 24 VDC / 12 ÷ 20 VAC. The integrated thermostat function allows the user to communicate the desired **temperature set** to the control system. The LCD display shows the values detected by the device and allows its configuration.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP30 Operative Temperature: -20 ÷ +60 °C Storage Temperature: Relative Humidity:
CASE	Dimensions: 76 x 79 x 33 mm (W x H x D) Mounting: Wall mounting Material: ABS, self extinguishing
POWER SUPPLY	Supply Voltage: 12 ÷ 24 VDC, 12 ÷ 20 VAC Consumption: < 1.5 W @ 12 ÷ 20 VAC / < 1.5 W @ 12 ÷ 24 VDC Connectors types: Removable screw terminals
RS485 INTERFACE	Supported Protocols: ModBUS RTU Communication Rate: Isolation: Isolated Connectors types: Removable screw terminals
INTEGRATED FUNCTIONS	Services: Management of temperature and humidity sets settable by the user, configuration of communication parameters
TEMPERATURE SENSOR	Measure Range: -40 ÷ +123.8 °C Precision: ±0.4 ÷ 25 °C Repeatability: ±0.1 °C Resolution: ±0.01 °C
HUMIDITY SENSOR	Measure Range: 0 ÷ 100%RH Precision: ±3%RH from 20 to 80%RH Repeatability: ±0.1%RH Resolution: ±0.03%RH Hysteresis: ±1%RH Long Period Stability: <0.5%RH/year
LIGHT SENSOR	Measure Range: 10 ÷ 1000 Lux Response Curve: Similar to that of the human eye



No Information