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CMC III Sensors – DK 7030.111

Date : Jul 28, 2021

RITTAL

Product description

Version:	Temperature/humidity sensor
Description:	CMC III sensors are used to monitor the physical environment and can be directly connected to the PU by an RJ45 CAN bus connection cable. The sensors can also be interconnected as a bus.
Benefits:	Fast connection and automatic detection via plug & play Power is supplied via the CAN bus interface.
Applications:	Enclosure monitoring in IT, industry and facility management Monitoring enclosures, rooms and containers in the field of IT.
Function principle:	Settings can be made via the CMC III Processing Unit or the IoT interface. The CMC III temperature/humidity sensor monitors the ambient temperature and air humidity in the enclosure. The sensor has an integrated temperature sensor and an integrated air humidity sensor.
Material:	Plastic Front: Smooth Housing: Textured
Color:	Front: RAL 9005 Housing: RAL 7035
Protection category IP to IEC 60 529:	IP 30
Supply includes:	Sensor Mounting plate Assembly components Temperature/humidity sensor

Product description

Dimensions:	Height: 30 mm (1.2 ") Width: 80 mm (3.1 ") Depth: 40 mm (1.6 ")
Connection to the CAN bus:	Direct
Maximum no. of consumers:	CMC III Processing Unit Compact: 4 CMC III Processing Unit: 32 IoT interface: 32
Operating temperature:	Operation (environment): +0 °C...+55 °C
Ambient humidity (non-condensing):	Operation (environment): 5 % - 95 %
Measuring technique:	Temperature Sensor Chip Humidity Sensor Chip
Measurement range:	Temperature (internal): 0 °C - 55 °C Temperature (external): 0 °C - 55 °C Humidity: 5 % - 95 %
Interfaces/connections:	General aspects: 2 x RJ45 CAN bus
Packaging unit:	1 pc(s).
Weight/packaging unit:	0.21 kg (0.5 lb.)
Copper weight (kg per piece):	0
EAN:	4028177659490
Customs tariff number:	90269000
ETIM 7.0:	EC002627
ETIM 6.0:	EC002627
eCl@ss 8.0/8.1:	27189253
eCl@ss 6.0/6.1:	27189253
Product description:	DK CMC III Temperature/humidity sensor, WHD: 80x28x40 mm

Approvals

Approvals:	UL + C-UL

| **Certificates:** | EAC |
| | IEC |

| **Declarations:** | Declaration of conformity |
| | NA |