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DK 7030.110

CMC III Sensors

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DK 7030.110 - CMC III Sensors

CMC III temperature sensor

Features

Model No.	DK 7030.110
Version	Temperature sensor
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 sensor monitors the ambient temperature in the enclosure. With an active air flow, the sensor integrated in the housing can be used. For applications without an active air flow, the external NTC sensor supplied loose must be connected. Measurement range for external sensors: -40 °C...+80 °C
Material	Plastic Front: Smooth Housing: Textured
Color	Front: RAL 9005 Housing: RAL 7035
Supply includes	Sensor Mounting plate Assembly components External temperature sensor with connection cable and connector NTC sensor, length 1.80 m max. cable length 2 m
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus Socket

Features

Quantity of participants per IoT interface (max.)	32
Quantity of participants PU compact (max.)	4
Quantity of participants PU (max.)	32
Number of PDU participants (max.)	16
Measuring technique	Internal NTC Resistance External NTC Resistance
Dimensions	Width: 80 mm Height: 30 mm Depth: 40 mm Width: 3.15 ″ Height: 1.18 ″ Depth: 1.57 ″
Operating temperature range	0 °C...55 °C 32 °F...131 °F
Ambient humidity (non-condensing)	5...95 %
Packaging unit	1 pc(s).
Weight/packaging unit	0.201 kg 0.4 lb.
Customs tariff number	90269000
EAN	4028177659483
ETIM 7.0	EC002627
ECLASS 8.0	27189253

Approvals

Approvals	UL + C-UL (listed)
Certificates	EAC

Approvals

Explanations	Manufacturer's declaration Declaration of conformity