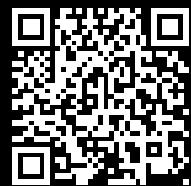


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DK 7030.110 CMC III Sensors

State: 2026-02-08 (Source: rittal.com/ca-en)



FRIEDHELM LOH GROUP

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 panel 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

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|---|--|
| 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 |
| Operating temperature range | 0 °C...55 °C |
| Ambient humidity (non-condensing) | 5...95 % |
| Packaging unit | 1 pc(s). |
| Net weight | 0.18 |
| Gross weight | 0.18 |
| PCF/VE (cradle-to-gate) | 0.8 kg CO2 eq (Cat B) |
| Information regarding the PCF class | Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared |
| Customs tariff number | 90269000 |
| EAN | 4028177659483 |
| ETIM 9 | EC002627 |
| ECLASS 8.0 | 27189253 |

Approvals

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|-----------|--------------------|
| Approvals | UL + C-UL (listed) |
|-----------|--------------------|

Approvals

Explanations

Manufacturer's declaration
Declaration of conformity