Rittal – The System.

Faster – better – everywhere.



DK 7030.111

CMC III Sensors

State: 11/28/2026 (Source: www.rittal.com/us-en)

ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

DK 7030.111 - CMC III Sensors

CMC III temperature/humidity sensor



Features

Model No.	DK 7030.111
Version	Temperature/humidity sensor
Product 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
Supply includes	Sensor Mounting panel Assembly components Temperature/humidity sensor

Features

Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus
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	Temperature Sensor Chip Humidity Sensor Chip
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).
Net weight	0.1 kg
Gross weight	0.16 kg
PCF/VE (cradle-to-gate)	0.8 kg CO2 eq (Cat B)
CRA risk class	Default (Low Risk)
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	90268020
ETIM 9	EC002627
ECLASS 8.0	27189253

Features

Product description	DK CMC III Temperature/humidity sensor, WHD: 80x28x40 mm

Approvals

Approvals	UL + C-UL (listed)
Explanations	Manufacturer's declaration Declaration of conformity