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DK 7030.400

CMC III sensors

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FRIEDHELM LOH GROUP

DK 7030.400 - CMC III sensors

CMC III smoke detector

Features

Model No.	DK 7030.400
Design	Smoke alarm
Product description	CMC III sensors are used for monitoring the physical environment and can be connected directly to the PU via a CAN bus connection cable RJ45. The sensors may also be linked together to form 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 of enclosures, rooms and containers in the IT environment
Function principle	Settings can be made via the CMC III processing unit or IoT interface The CMC III smoke detector is mounted in the top of the enclosure. The sensor monitors the air in the enclosure for smoke particles.
Material	Plastic
Colour	Enclosure: white Mounting bracket: RAL 9005
Supply includes	Sensor Mounting plate Assembly parts Mounting bracket Assembly parts
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus
No. of participants per IoT interface (max.)	32
No. of participating PU compact (max.)	4

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Features

No. of participating PU (max.)	32
No. of PDU devices (max.)	16
Measuring technique	Silicon PIN photodiode/GaAs infrared LED
Dimensions	Height: 60 mm
Operating temperature range	5 °C...45 °C
Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
Net weight	0.4 kg
Gross weight	0.58 kg
PCF per pack (cradle-to-gate)	2.2 kg CO2 eq (Cat B)
Note on PCF category	Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared
Customs tariff number	85311095
ETIM 9	EC002627
ECLASS 8.0	27189253
Product description	DK CMC III Smoke alarm, H: 50 mm, Ø 100 mm, IP 30

Approvals

Explanations	Manufacturer's declaration Declaration of conformity

Tender text

7030.400
CMC III smoke detector with CAN bus
Packs of 1
Compact plastic housing with air routing openings in white.
The sensor has two RJ45 connections with an integrated CAN bus. The sensor is automatically detected by the
CMC III system, the Processing Unit, and is provided with a sequential number in the bus sequence. Integrated multi-coloured LED as status display and LED on housing for alarm display.
The smoke detector is based on an opto-electronic smoke particle evaluation within a measurement chamber.
The power supply is ensured by connection to the CAN bus for the Processing Unit.
The warning and alarm messages can be displayed via the software for the CMC III Processing Unit.
Technical specifications:
Sensor: Photo diode
Emitter: Infrared diode
CAN bus jacks RJ45: 2
Protection category: IP 23 to IEC 60 529
Temperature application range:
-20°C to +60°C
Humidity range:
0% to 95% relative humidity, non-condensing
DxH: 100 x 50 mm
Included in the pack: Smoke detector, quick reference guide, universal depth stay and assembly parts.

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