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DK 7030.190

CMC III Sensors

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FRIEDHELM LOH GROUP

DK 7030.190 - CMC III Sensors

CMC III universal sensor

Features

Model No.	DK 7030.190
Version	Universal 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 sensor has two digital inputs and one analog input, which can be configured as required for the application in question. The digital inputs can be configured as 2x floating monitoring contacts, 2x S0 bus inputs (energy measuring instruments) or 1x Wiegand interface (external access systems). The analog input can be used as a 4 - 20 mA interface.
Material	Plastic Front: Smooth Housing: Textured
Color	Front: RAL 9005 Housing: RAL 7035
Supply includes	Sensor Mounting panel Assembly components Universal sensor
Connection to the CAN bus	Direct

Features

Interfaces	2 x RJ45 CAN bus Analog, 4 - 20 mA 2 digital inputs/S0-bus/Wiegand
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
Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm Width: 4.33 ″ 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	0.125 kg
Gross weight	0.199 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	85319000
ETIM 9	EC002627
ECLASS 8.0	27189253
Product description	DK CMC III universal sensor, for connecting to CMC III processing unit, via CAN bus interface, interfaces: 2 x digital input

Approvals

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