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DK 7030.100

CMC III CAN bus sensor

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FRIEDHELM LOH GROUP

DK 7030.100 - CMC III CAN bus sensor

For connecting a CMC-TC sensor

Features

Model No.	DK 7030.100
Design	For connecting 5 access sensors or one smoke detector, one motion detector, one voltage monitor 48 V DC or one leakage sensor.
Product description	The CMC III CAN bus sensor supports the connection of selected sensors from the CMC-TC system to the current CMC III, allowing old applications to be upgraded with the CMC III Processing Unit / Compact. As well as the two CAN bus connections, the unit also has another connection for one of the CMC-TC sensors. In this way, the unit functions as an interface between the CMC-TC sensor and the current CMC III Processing Unit, and adapts the sensor data to the CAN bus protocol.
Benefits	Fast connection and automatic detection via plug & play Power is supplied via the CAN-BUS interface.
Technical specifications	2 x CAN bus CMC III: RJ45 for CAN bus cable LED displays (rear) Optical (LED) and acoustic (alarm sound) status display Time function thanks to real-time clock with NTP LDAP(S)/Radius/Active Directory connection Integral GbE interface with web server for autonomous operation without other components The current measurements can be called up via the CMC III interface using the browser, SNMP or OPC-UA, and adjustments made
Applications	Enclosure monitoring in IT, industry and facility management

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Features

Function principle	Settings can be made via the CMC III Processing Unit Status display via integral LED The current measurements can be called up via the CMC III interface using the browser, SNMP or OPC-UA, and adjustments made Automatic alarm messages by e-mail, text or SNMP trap when a limit value is exceeded
Material	Plastic Front: Smooth Enclosure: Textured
Colour	Enclosure: RAL 7035 Front: RAL 9005
Supply includes	Sensor Mounting plate Assembly parts Assembly parts
Input connection	RJ 45 RJ12
Interface bus system	2 x RJ45 CAN bus
Interfaces	RJ12
No. of participating PU compact (max.)	4
No. of participating PU (max.)	16
Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm
Operating temperature range	0 °C...55 °C
Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
Net weight	0.12 kg
Gross weight	0.18 kg
CRA risk class	Default (Low Risk)

Features

Customs tariff number	85311095
ETIM 9	EC002627
ECLASS 8.0	27189253
Product description	DK CMC III CAN bus sensor, For connecting CMC-TC sensors, WHD: 110x30x40 mm, Interfaces: RJ12, 2xRJ45 CAN bus

Approvals

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

Tender text

7030.100
CMC III CAN bus sensor
Packs of 1
Compact plastic housing with ventilated front in RAL 9005.
Housing in RAL 7035,
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-colour LED as status display.
The sensor contains an interface enabling a CMC II (CMC-TC) sensor of the previous generation to be connected:
7320.500 Temperature sensor
7320.520 Analogue input 4-20 mA
7320.530 Access sensor,
max. 5 in a row
7320.550 Airflow sensor
7320.560 Smoke detector
7320.570 Motion detector
7320.580 Digital input
7320.590 Digital relay output
7320.600 Voltage monitoring
7320.620 48V voltage sensor
7320.630 Leak sensor
7320.631 Leak sensor 15 m sensors
7320.790 Door Control Unit
7338.120 Extinguisher system DET AC
7338.220 Early fire detection EFD
The power supply is ensured by connection to the CAN bus for the Processing Unit.
The warning and alarm limit values can be set via the software for the CMC III Processing Unit, however they are saved in the sensor itself.
Technical specifications:
RJ12 interfaces: 1 CMC II sensor
CAN bus jacks RJ45: 2
Protection category: IP 30 to IEC 60 529
Temperature application range:
0 °C to 55 °C
Humidity range:

5% to 95% relative humidity, non-condensing
WxHxD: 110 x 30 x 40 mm
Included in the pack: Sensor, quick reference guide and universal mounting set