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DK 7030.200

CMC III CAN bus access

State: 12.07.2025 (Source: rittal.com/bg-bg)

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FRIEDHELM LOH GROUP

DK 7030.200 - CMC III CAN bus access

For connecting one handle and one reader unit to monitor a door.

Features

Model No.	DK 7030.200
Design	With integral infrared access sensor. For connecting one handle and/or one CMC III reader unit.
Product description	The CMC III CAN bus access allows electromagnetic handles and read systems to be connected to the CMC III system or IoT interface. One handle and optionally one CMC III read system can be connected to one CMC III CAN bus access. The CMC III CAN bus access has an integral infrared sensor to monitor the door status. The electromagnetic handle is monitored and controlled by the CMC III. Handles can be released by numerical codes or transponder cards if a read system is connected. Up to 16 door handles can be managed simultaneously with one read system.
Benefits	Fast connection and automatic detection via plug & play Power is supplied via the CAN-BUS interface.
Applications	Monitoring and controlling electromagnetic handles on enclosures in the fields of IT, industry and buildings technology.
Function principle	Settings can be made via the CMC III processing unit or IoT interface Status display via integral LED The current measurements can be called up via the CMC III interface or the IoT 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

Features

Supply includes	CMC III CAN bus access Installation and Short User's Guide Assembly parts for mounting in the enclosure Mounting clips for support rails Assembly parts for surfaces Assembly parts Assembly parts for mounting on the enclosure
Interface bus system	2 x RJ45 CAN bus
Interfaces	RJ12 Flat-pin connector for CMC III reader units
No. of participants per IoT interface (max.)	16
No. of participating PU compact (max.)	2
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	0.2
Gross weight	0.212
Customs tariff number	85311095
EAN	4028177659551
ETIM 9	EC002627
ECLASS 8.0	27189253

Approvals

Approvals

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

Tender text

7030.200
CMC III CAN bus access
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 unit contains an infrared access sensor, an interface for a CMC III read system and an interface for an electro-mechanical comfort handle TS 8.
The infrared access sensor indicates whether the rack door is open or closed. A read system can be used to enter the codes for door release. Via a connected electric handle the door can be released and the door handle can be monitored.
Connection accessories:
7030.220 CMC III coded lock
7030.230 CMC III transponder reader
7320.700 Electromagnetic Ergoform-S
7320.721 Electromagnetic TS8 handle
with master
key function with and without CCP
7320.730 Universal lock
7320.950 Handle system for
universal installation
The access authorisation to the enclosure can be set via the software for the CMC III Processing Unit. The power supply is ensured by connection to the CAN bus for the Processing Unit.
Technical specifications:
Mode of operation: Optical
Transmitter: Infrared diode
Receiver: Infrared receiver
Interfaces: 1 CMC III reader unit
RJ12 interfaces: 1 handle
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