

Rittal – The System.

Faster – better – everywhere.



DK 7030.100

CMC III CAN bus sensor

State: 4/8/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7030.100 - CMC III CAN bus sensor

To connect a CMC-TC sensor

Features

| | |
|--------------------------|---|
| Model No. | DK 7030.100 |
| Version | For connecting 5 access sensors (in series) or one smoke detector, one motion detector, one voltage monitor 48 V DC or one leakage sensor. |
| Product description | With the CMC III CAN bus sensor, it is possible to connect certain CMC-TC system sensors to the current CMC III. Old applications can be upgraded in this way with the CMC III Processing Unit/Compact. The unit not only has two CAN bus connections, but also one extra connection for one of the CMC-TC sensors. The unit therefore acts as the 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 cables LED displays (rear) Optical (LED) and audible (alarm sound) status indicator Time function through real-time clock with NTP LDAP(S)/Radius/Active Directory connection Integrated GigE interface with web server for autonomous operation without additional 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 |

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, SMS or SNMP trap if a limit value is violated |
| Material | Plastic Front: Smooth Housing: Textured |
| Color | Housing: RAL 7035 Front: RAL 9005 |
| Supply includes | Sensor Mounting panel Assembly components Mounting accessories |
| Input connection | RJ 45 RJ12 |
| Interface bus system | 2 x RJ45 CAN bus |
| Interfaces | RJ12 |
| Quantity of participants PU compact (max.) | 4 |
| Quantity of participants PU (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). |

Features

| | |
|-----------------------|---|
| Net weight | 0.12 kg |
| Gross weight | 0.18 kg |
| 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 |