

# Rittal – The System.

Faster – better – everywhere.



## DK 7030.022 CMC III Processing Units

State: 23/05/2026 (Source: [rittal.com/ie-en](http://rittal.com/ie-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

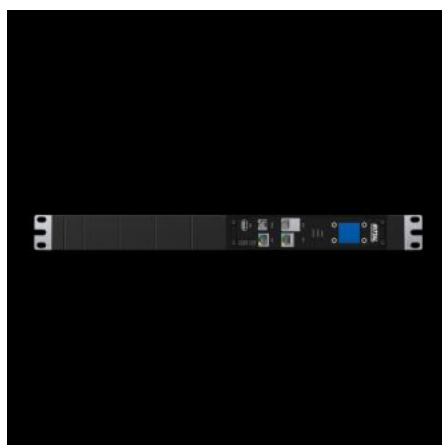
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7030.022 - CMC III Processing Units

The CMC III processing unit, 482.6 mm (19") edition, is the central unit in the CMC III monitoring system. Up to 32/16 external sensors / CAN bus connection units may be connected. The units are connected to the data network via Ethernet and configured via Web/USB. Alarms are sent via an email server and units are connected to the company's network management system via SNMP.



## Features

|                    |                                                                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.          | DK 7030.022                                                                                                                                                                                                                                   |
| Design             | 482.6 mm (19") version                                                                                                                                                                                                                        |
| Benefits           | High redundancy due to redundant power supply.<br>Cost saving due to optimised space utilisation and connection technique                                                                                                                     |
| Applications       | Enclosure monitoring in IT, industry and facility management                                                                                                                                                                                  |
| Function principle | Central monitoring unit for the CMC III system.<br>Direct connection of the unit via SNMP over Ethernet<br>Collates measurement data and alerts network management systems or control rooms when freely adjustable limit values are exceeded. |
| Design             | Piezo signal generator for acoustic information<br>Time function thanks to real-time clock with NTP                                                                                                                                           |
| Material           | Plastic<br>Aluminium section, black anodised                                                                                                                                                                                                  |

# Features

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| Surface finish           | Front: Smooth<br>Enclosure: Textured                                                                   |
| Colour                   | Enclosure: RAL 7035<br>Front: RAL 9005                                                                 |
| Supply includes          | CMC III Processing Unit<br>Basic system<br>Integral display<br>Assembly parts for mounting on surfaces |
| Interface bus system     | RJ45 CAN bus                                                                                           |
| Alarm relay output       | Terminal up to 1.5 mm <sup>2</sup> (max. 24 V DC/1 A)                                                  |
| Mobile website           | For Android and Windows phones                                                                         |
| Network interface        | Ethernet to IEEE 802.3 via 10/100BaseT full-duplex, 10/100 Mbit/s,<br>PoE                              |
| Interface UPS            | PoE (Power over Ethernet)                                                                              |
| Serial interface         | RJ12                                                                                                   |
| Interface streaming      | Axis network camera with VAPIX® version 3                                                              |
| Number of sensors (max.) | 16                                                                                                     |
| Note                     | Unencrypted protocols may be deactivated for enhanced network security                                 |
| LED displays (rear)      | Network status                                                                                         |
| LED displays (front)     | Status                                                                                                 |

# Features

---

|           |                                                                                                                                                                                                                    |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocols | TCP/IPv4<br>TCP/IPv6<br>SNMPv1<br>SNMPv2c<br>SNMPv3<br>Telnet<br>SSH<br>FTP<br>SFTP with SSL<br>HTTP<br>HTTPS with SSL<br>NTP<br>DHCP<br>DNS<br>SMTP<br>Syslog<br>LDAP<br>Radius<br>OPC-UA<br>Modbus/TCP<br>RS-232 |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

|            |                                                 |
|------------|-------------------------------------------------|
| Dimensions | Width: 450 mm<br>Height: 44 mm<br>Depth: 144 mm |
|------------|-------------------------------------------------|

---

|                             |              |
|-----------------------------|--------------|
| Operating temperature range | 0 °C...45 °C |
|-----------------------------|--------------|

---

|                                   |          |
|-----------------------------------|----------|
| Ambient humidity (non-condensing) | 5...95 % |
|-----------------------------------|----------|

---

|          |          |
|----------|----------|
| Packs of | 1 pc(s). |
|----------|----------|

---

|            |        |
|------------|--------|
| Net weight | 2.2 kg |
|------------|--------|

---

|              |          |
|--------------|----------|
| Gross weight | 2.452 kg |
|--------------|----------|

---

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85311095 |
|-----------------------|----------|

---

|        |          |
|--------|----------|
| ETIM 9 | EC002627 |
|--------|----------|

---

|        |          |
|--------|----------|
| ETIM 8 | EC002627 |
|--------|----------|

---

|            |          |
|------------|----------|
| ECLASS 8.0 | 27189253 |
|------------|----------|

---

|                     |                                     |
|---------------------|-------------------------------------|
| Product description | CMC III Processing Unit 19" edition |
|---------------------|-------------------------------------|

# Approvals

---

Approvals

TÜV-tested safety