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## DK 7030.000 CMC III Processing Units

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7030.000 - CMC III Processing Units

The Processing Unit/Compact is the central unit of the CMC III monitoring system. Up to 32/4 external sensors/CAN bus connection units can be connected to the integrated sensors. The units can be connected to the data network via ethernet, configured via web/USB, send alarms via an email server and be connected to a company's network management system via SNMP.



## Features

|                     |   |
|---------------------|---|
| Model No.           | DK 7030.000   |
| Product description | Central unit of the CMC III monitoring system. Up to 32/4 external sensors/CAN-Bus connection units can be connected in addition to the integrated sensors.   |
| Benefits            | High redundancy due to redundant power supply.<br>Cost savings from optimized space utilization and connection system<br>High flexibility due to modular system.<br>High level of safety due to permanent monitoring of the physical enclosure environment. |
| Applications        | Enclosure monitoring in IT, industry and facility management  |
| Function principle  | Central monitoring unit for the CMC III system.<br>Collects measurement data and alerts network management systems or control rooms when freely adjustable limit values are exceeded.<br>Automatic monitoring of inputs and control of remote outputs.      |
| Version             | Piezo transducer for acoustic information<br>Time function through real-time clock with NTP   |
| Material            | Plastic   |

# Features

|                             |  |
|-----------------------------|--|
| Surface finish              | Front: Smooth<br>Housing: Textured   |
| Color                       | Housing: RAL 7035<br>Front: RAL 9005   |
| Supply includes             | Basic system<br>Temperature sensor including connection cable (supplied loose)<br>Infrared access sensor (integrated)<br>Incl. assembly parts for mounting on surfaces |
| Infrared access sensor      | Yes  |
| Integral temperature sensor | Yes  |
| Interface bus system        | 2 x RJ45 CAN bus   |
| Alarm relay output          | Terminal up to 1.5 mm <sup>2</sup> (max. 24 V DC/1 A)  |
| Interfaces                  | Mini USB<br>1 x USB<br>SD storage card slot (max. 32 GB)<br>2 digital inputs   |
| Mobile website              | For Android and Windows phones   |
| Network interface           | Ethernet in line with IEEE 802.3 via 10/100 BaseT Full-Duplex<br>10/100 Mbit/s, PoE  |
| Interface UPS               | Terminal<br>Socket<br>PoE (Power over Ethernet)  |
| Serial interface            | RJ12   |
| Interface streaming         | Axis network camera with VAPIX® version 3  |
| Number of sensors (max.)    | 32   |
| Note                        | For increased network security, unencrypted protocols can be disabled  |
| LED displays (rear)         | Network status   |
| LED displays (front)        | Status   |

# Features

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|                                   |  |
|-----------------------------------|--|
| 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: 138 mm<br>Height: 40 mm<br>Depth: 132 mm<br>Width: 5.43 "<br>Height: 1.57 "<br>Depth: 5.2 "   |
| Operating temperature range       | 0 °C...45 °C<br>32 °F...113 °F   |
| Ambient humidity (non-condensing) | 5...95 %   |
| Packaging unit                    | 1 pc(s).   |
| Net weight                        | 0.4 kg   |
| Gross weight                      | 0.64 kg  |
| Customs tariff number             | 85311095   |
| ETIM 9                            | EC002627   |

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# Features

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|                     |  |
|---------------------|--|
| ETIM 8              | EC002627   |
| ECLASS 8.0          | 27189253   |
| Product description | DK CMC III Processing Unit, Central unit of the CMC III monitoring system, WHD: 138x40x132 mm, max. 32 sensors |

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# Approvals

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|              |   |
|--------------|---|
| Approvals    | TÜV-certified safety<br>UL + C-UL (listed)              |
| Explanations | Manufacturer's declaration<br>Declaration of conformity |

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