

# Rittal – The System.

Faster – better – everywhere.

## CMC III Processing Units – DK 7030.010

Date : Aug 12, 2016

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# CMC III Processing Units – DK 7030.010

created: 12.08.2016 on [www.rittal.com/com-en](http://www.rittal.com/com-en)



## Product description

<b>Description:</b>	The Processing Unit/Compact is the central unit of the CMC III monitoring system. Up to 32/4 external sensors/CAN bus connection units may be connected to the integral sensors. The units may be connected to the data network via Ethernet, configured via Web/USB, can send alarms via an e-mail server and connect to the Network Management System of a company via SNMP.
<b>Benefits:</b>	High redundancy due to redundant power supply. Cost saving due to optimised space utilisation and connection technique High flexibility due to modular system. High reliability due to permanent monitoring of the physical enclosure parameters.
<b>Applications:</b>	Monitoring of enclosures, rooms and containers in the IT environment Monitoring of enclosures in the areas of IT, industry and facility management
<b>Function principle:</b>	Central monitoring unit for the CMC III system. Collates measurement data and alerts network management systems or control rooms when freely adjustable limit values are exceeded. Automatic regulation of actuators and control of remote outputs.
<b>Colour:</b>	Enclosure: RAL 7035 Front: RAL 9005
<b>Protection category IP to IEC 60 529:</b>	IP 30
<b>Supply includes:</b>	CMC III Processing Unit Operating manual Mounting accessories for mounting on surfaces
<b>Packs of:</b>	1 pc(s).
<b>EAN:</b>	4028177659339

<b>Customs tariff number:</b>	85311095
<b>eCl@ss 5.1:</b>	27189253
<b>eCl@ss 7.0:</b>	27189253
<b>ETIM 6.0:</b>	EC002627



## Product features

<b>Number of sensors (max.):</b>	4
<b>Dimensions:</b>	Width: 138 mm Height: 40 mm Depth: 132 mm
<b>Rated operating voltage:</b>	24 V (DC)
<b>Number of sensors (max.):</b>	4
<b>Installation dimensions:</b>	Installation depth: 120 mm Build depth: 12 mm
<b>Operating temperature:</b>	Operation (environment): +0°C...+45°C
<b>Ambient humidity (non-condensing):</b>	Operation (environment): 5 % - 95 %
<b>Equipment (electrical):</b>	Integral infrared access sensor (max. sensing distance 100 mm): yes Integral temperature sensor: yes
	Push-button: Reset Push-button: Acknowledge
<b>Audio display:</b>	Piezo signal generator
<b>Protocols:</b>	TCP/IPv4 TCP/IPv6 SNMPv1 SNMPv2c SNMPv3 Telnet SSH FTP SFTP with SSL HTTP HTTPS with SSL NTP DHCP DNS SMTP Syslog





LDAP  
Radius  
OPC-UA  
Modbus/TCP  
RS-232

<b>Time function:</b>	Real-time clock with NTP
<b>Equipment SSC:</b>	LED displays (front): Status LED displays (rear): Network status
<b>Interfaces/connections:</b>	General: Mini USB General: 2 digital inputs Network: Ethernet to IEEE 802.3 via 10/100BaseT full-duplex, 10/100 Mbit/s, PoE Serial: RJ12 Bus system: RJ45 CAN bus Length per CAN bus (max.): 50 m Alarm relay output: Terminal up to 1.5 mm <sup>2</sup> (max. 24 V DC/1 A) Redundant power supply: Terminal Redundant power supply: Jack Redundant power supply: PoE (Power over Ethernet) Streaming: Axis network camera with VAPIX® version 3 Mobile website: For Android and Windows phones
<b>Weight/pack:</b>	0.61 kg

## Approvals

<b>Approvals:</b>	 <a href="#">UL + C-UL (EN)</a>
<b>Declarations:</b>	 <a href="#">Declaration of conformity (DE)</a>

## Downloads

<b>Data sheets:</b>	 <a href="#">Technical system catalogue (DE)</a>
<b>Documentation:</b>	 <a href="#">Instructions</a> EN  <a href="#">White paper</a> EN
<b>CAD drawings:</b>	 <a href="#">Visio Shapes (EN, DE)</a>
<b>Drivers/software:</b>	Selector EN Software EN
<b>CAD drawings:</b>	Request