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DK 7030.000

CMC III Processing Units

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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. Cost savings from optimized space utilization and connection system High flexibility due to modular system. 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. Collects measurement data and alerts network management systems or control rooms when freely adjustable limit values are exceeded. Automatic monitoring of inputs and control of remote outputs.
Version	Piezo transducer for acoustic information Time function through real-time clock with NTP
Material	Plastic
Surface finish	Front: Smooth Housing: Textured

Features

Color	Housing: RAL 7035 Front: RAL 9005
Supply includes	Basic system Temperature sensor including connection cable (supplied loose) Infrared access sensor (integrated) 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 mm² (max. 24 V DC/1 A)
Interfaces	Mini USB 1 x USB SD storage card slot (max. 32 GB) 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 10/100 Mbit/s, PoE
Interface UPS	Terminal Socket 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

Protocols	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
Dimensions	Width: 138 mm Height: 40 mm Depth: 132 mm Width: 5.43 ″ Height: 1.57 ″ Depth: 5.2 ″
Operating temperature range	0 °C...45 °C 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
CRA risk class	Default (Low Risk)
Customs tariff number	85311095

Features

ETIM 9	EC002627
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

Approvals

Approvals	Cyber Security Certificate TÜV-certified safety UL + C-UL (listed)
Explanations	Manufacturer's declaration Declaration of conformity