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DK 7010.000

CMC X Processing Unit

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7010.000 - CMC X Processing Unit

The processing unit is the central unit of the CMC X monitoring system. Up to 32 external sensors / CAN bus connection units may be connected. In addition, two each of electronic handles, reader units, reed contacts, Blue e+ units and LED strips may be connected without any additional sensors.

Features

Model No.	DK 7010.000
Product description	Up to 32 external sensors / CAN bus connection units may be connected. In addition, two each of electronic handles, reader units, reed contacts, Blue e+ units and LED strips can be connected without any further sensors. The processing unit has two internal power packs.
Benefits	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.
Applications	Enclosure monitoring in IT, industry and facility management
Function principle	Central monitoring unit for the CMC X 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.
Design	Piezo signal generator for acoustic information Time function thanks to real-time clock with NTP
Material	Steel
Surface finish	Enclosure: Textured Front: Smooth
Colour	Enclosure: RAL 7016 Front: RAL 9005

Features

Supply includes	Basic system Assembly parts for mounting in the enclosure
Interface bus system	2 x RJ45 CAN bus
Alarm relay output	2 x terminal up to 1.5 mm ² (max. 24 V Dc/x KI1 A)
Interfaces	USB-C USB-A SD memory card slot (max. 32 GB) 2 digital inputs 2 open collector outputs (R,G,B) + Gnd, 500 mA per open output Activation using PWM.
Interface UPS	PoE (Power over Ethernet)
Serial interface	RJ12
Interface streaming	Axis network camera with VAPIX® version 3
Number of sensors (max.)	32
Note	Unencrypted protocols may be deactivated for enhanced network security
LED displays (rear)	Network status
LED displays (front)	Status
Protocols	TCP/IPv4 TCP/IPv6 SNMPv3 Rest API SSH HTTPS with SSL NTP DHCP DNS SMTP Syslog LDAP Radius OPC-UA Modbus/TCP RS-232
Operating temperature range	0 °C...50 °C

Features

Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
CRA risk class	Default (Low Risk)
Customs tariff number	94032080
Product description	Monitoring system CMC X processing unit, 19" unit, max. 32 external sensors may be connected

Approvals

Approvals	CCC exception letter Cyber Security Certificate GOST UL + C-UL (listed)
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