

CMC III Processing Unit/Compact



System overview Page 448/449 **Basic modules and connection accessories** Page 451

- Redundant voltage supply, plus Power over Ethernet (PoE)
- Simple wiring with CAN bus connection system (RJ 45)
- Connection to control room-systems via OPC UA

Material:

- Plastic

Surface finish:

- Front: Smooth
- Enclosure: Textured

Colour:

- Front: RAL 9005
- Enclosure: RAL 7035

Protection category IP to IEC 60 529:

- IP 30

Supply includes:

- Basic system
- Quick-start instructions
- 4 mounting feet

Approvals:

- cULus

Photo shows a configuration example with equipment not included in the scope of supply

	CMC III Processing Unit	CMC III Processing Unit Compact	
W x H x D mm	138 x 40 (1 U) x 120 + 12 (front assembly)	138 x 40 (1 U) x 120 + 12 (front assembly)	
Operating temperature range	0°C...+45°C	0°C...+45°C	
Operating humidity range	5 – 95 % relative humidity, non-condensing	5 – 95 % relative humidity, non-condensing	
Sensors/CAN bus connection units	max. 32	max. 4	
Max. overall cable length for CAN bus	2 x 50 m	1 x 50 m	
Model No.	7030.000	7030.010	
Interfaces	Network interface (RJ 45)	Ethernet to IEEE 802.3 via 10/100BaseT with PoE	Ethernet to IEEE 802.3 via 10/100BaseT with PoE
	Front USB interface	Mini USB for system setting	Mini USB for system setting
	Rear USB interface	For USB stick for data records and SW updates up to 32 GB	-
	Front SD-HC slot	1 x up to 32 GB for data recording	-
	Rear serial RS232 (RJ 12)	1 x for the connection of display unit, GSM unit or ISDN unit	1 x for the connection of display unit, GSM unit or ISDN unit
	CAN bus (RJ 45)	2 x for max. 16 sensors each = 32 sensors in total (quantity restriction, see page 453)	1 x for max. 4 sensors (quantity restriction, see page 453)
Inputs and outputs	Digital inputs (terminal)	2	2
	Relay output (terminal)	Changeover contact max. 24 V (DC), 1 A	Changeover contact max. 24 V (DC), 1 A
Operation/ signals	Push-button	1 x acknowledgement button	1 x acknowledgement button
	Concealed reset button	1 x service button	1 x service button
	Piezo signal generator	1	1
	LED display	1 x multi-colour OK/warning/alarm	1 x multi-colour OK/warning/alarm
	Rear LED	1 x for the network status	1 x for the network status
Protocols	Ethernet	TCP/IPv4, TCP/IPv6, SNMPv1, SNMPv2c, SNMPv3, Telnet, SSH, FTP, SFTP, HTTP, HTTPS, NTP, DHCP, DNS, SMTP, Syslog, LDAP	TCP/IPv4, TCP/IPv6, SNMPv1, SNMPv2c, SNMPv3, Telnet, SSH, FTP, SFTP, HTTP, HTTPS, NTP, DHCP, DNS, SMTP, Syslog, LDAP
Redundant power supply	Input 24 V DC (jack)	1 x for connecting CMC III power pack	1 x for connecting CMC III power pack
	Input 24 V DC (terminals)	1 x for direct connection or for connecting CMC III power pack	1 x for direct connection or for connecting CMC III power pack
	Power over Ethernet PoE	1 x 15.4 W	1 x 15.4 W
Functions	Time function	Real-time clock, energy-buffered (24 h) without battery/accumulator, with NTP	Real-time clock, energy-buffered (24 h) without battery/accumulator, with NTP
	User administration	LDAP	LDAP
	User interface	Integral WEB server	Integral WEB server
	Control room connection	Integral OPC UA server	Integral OPC UA server
Integral sensors	Temperature sensor	NTC sensor with cable, supplied loose	NTC sensor with cable, supplied loose
	Access sensor	Infrared technology in the enclosure front	Infrared technology in the enclosure front