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DK 7030.040

CMC III I/O units

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FRIEDHELM LOH GROUP

DK 7030.040 - CMC III I/O units

Monitoring of up to eight digital inputs and control of to to four relays.







Features

Model No.	DK 7030.040
Product description	In the software, the relays can be linked to measurement values so that they are actuated under certain circumstances. This allows devices to be controlled and messages to be forwarded. Cannot be operated with the Processing Unit Compact.
Benefits	Fast connection and automatic detection via plug & play Minimal space requirements due to high concentration of inputs and outputs.
Function principle	Automatic sensor detection by the Processing Unit with consecutive numbering of the sensors Power is supplied via the CAN-BUS interface. Status display via integral LED Inputs for earth-free signals Relay output (changeover contact) can handle loads of up to max. 24 V (DC)/1 A
Material	Plastic Front: Smooth Enclosure: Textured
Colour	Enclosure: RAL 7035 Front: RAL 9005

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Features

Supply includes	CMC III I/O Unit Assembly parts for mounting on surfaces
Interface bus system	2 x RJ45 CAN bus
Interfaces	8 digital inputs 4 relay outputs (max. 24 V DC/1 A)
No. of participants per IoT interface (max.)	16
No. of participating PU (max.)	8
Note	Cannot be operated with the Processing Unit Compact
Dimensions	Width: 138 mm Height: 40 mm Depth: 132 mm
Operating temperature range	0 °C...55 °C
Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
Net weight	0.5 kg
Gross weight	0.56 kg
CRA risk class	Default (Low Risk)
Customs tariff number	85311095
ETIM 9	EC002627
ECLASS 8.0	27189253
Product description	DK CMC III I/O Unit, For signal receiving and passing on control commands, WHD: 138x40x132 mm, Monitoring: > 8 digital inputs, Control: > 4 Relais

Approvals

Approvals	UL + C-UL (listed)

Approvals

Explanations	Manufacturer's declaration Declaration of conformity

Tender text

7030.040
CMC III I/O Unit
Packs of 1
Compact plastic housing with ventilated front in RAL 9005.
Housing in RAL 7035, The unit has two RJ45 connections with an integrated CAN bus. The unit is automatically detected by the CMC III system, the Processing Unit, and is provided with a sequential number in the bus sequence. Integrated multi-colour LED as status display. The I/O unit has eight digital inputs and four relay outputs. With the digital inputs, signals can be received from third-party systems and processed in the CMC III. Via the relay outputs, the CMC III can carry out control commands or pass on messages to third-party systems.
The power supply is ensured by connection to the CAN bus for the Processing Unit.
The alarm texts can be set via the software for the CMC III Processing Unit, however they are saved in the Unit itself.
Technical specifications:
Digital inputs (terminal): 8 x NC/NO
Relay output (terminal): 4
Change-over contact max. 24 V DC,1 A
CAN bus jacks RJ45: 2
Rated voltage: 24V DC
WxHxD: 138 x 40 x 120+12 Front mm
Temperature application range:
0 °C to 55 °C
Humidity range:
5% to 95% relative humidity, non-condensing
Protection category: IP 30 to IEC 60 529
Included in the pack: Unit, quick reference guide, side mounting and top-hat rail mounting set