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## DK 7010.020 CMC I/O units

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7010.020 - CMC I/O units

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

## Features

|                                   |                                                                                                                                                                                                                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                         | DK 7010.020                                                                                                                                                                                                                                                                                       |
| Design                            | I/O unit                                                                                                                                                                                                                                                                                          |
| Benefits                          | Fast connection and automatic detection via plug & play<br>Minimal space requirements due to high concentration of inputs and outputs.                                                                                                                                                            |
| Applications                      | Monitoring of enclosures, rooms and containers in the IT environment<br>Enclosure monitoring in IT, industry and facility management                                                                                                                                                              |
| Function principle                | Automatic sensor detection by the Processing Unit with consecutive numbering of the sensors<br>Power is supplied via the CAN-BUS interface.<br>Status display via integral LED<br>Inputs for earth-free signals<br>Relay output (changeover contact) can handle loads of up to max. 24 V (DC)/1 A |
| Material                          | Plastic                                                                                                                                                                                                                                                                                           |
| Surface finish                    | Front: Smooth<br>Enclosure: Textured                                                                                                                                                                                                                                                              |
| Colour                            | RAL 9005                                                                                                                                                                                                                                                                                          |
| Supply includes                   | I/O unit<br>Assembly parts for mounting on surfaces                                                                                                                                                                                                                                               |
| Interfaces                        | 2 x RJ45 CAN bus                                                                                                                                                                                                                                                                                  |
| Dimensions                        | Width: 138 mm<br>Height: 40 mm<br>Depth: 132 mm                                                                                                                                                                                                                                                   |
| Operating temperature range       | 0 °C...45 °C                                                                                                                                                                                                                                                                                      |
| Ambient humidity (non-condensing) | 5...95 %                                                                                                                                                                                                                                                                                          |

# Features

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Packs of              | 1 pc(s).                                                                                                                                   |
| CRA risk class        | Default (Low Risk)                                                                                                                         |
| Customs tariff number | 85176200                                                                                                                                   |
| Product description   | DK I/O unit for signal detection and execution of control commands,<br>WHD: 138x40x132 mm, monitoring: 8 digital inputs, control: 4 relays |

# Approvals

|              |                           |
|--------------|---------------------------|
| Approvals    | UL + C-UL (listed)        |
| Explanations | Declaration of conformity |