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## DK 7030.430 CMC III Sensors

State: 2025-12-07 (Source: [rittal.com/ca-en](https://rittal.com/ca-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7030.430 - CMC III Sensors

CMC III leakage sensor

## Features

|                           |  |
|---------------------------|--|
| Model No.                 | DK 7030.430  |
| Version                   | Leak sensor  |
| Product description       | CMC III sensors are used to monitor the physical environment and can be directly connected to the PU by an RJ45 CAN bus connection cable. The sensors can also be interconnected as a bus.   |
| Benefits                  | Fast connection and automatic detection via plug & play<br>Power is supplied via the CAN bus interface.  |
| Applications              | Enclosure monitoring in IT, industry and facility management<br>Monitoring enclosures, rooms and containers in the field of IT.  |
| Function principle        | Settings can be made via the CMC III Processing Unit or the IoT interface.<br>The CMC III leakage sensor has an external sensor mounted perpendicular to the base.<br>The sensor monitors the base for conductive liquids (leakage) by using two contacts. |
| Material                  | Plastic<br>Front: Smooth<br>Housing: Textured  |
| Color                     | Front: RAL 9005<br>Housing: RAL 7035   |
| Supply includes           | Sensor<br>Mounting panel<br>Assembly components<br>External sensor with connection cable   |
| Connection to the CAN bus | Direct   |
| Interfaces                | 2 x RJ45 CAN bus<br>Terminal   |

# Features

|   |  |
|---|--|
| Quantity of participants per IoT interface (max.) | 32   |
| Quantity of participants PU compact (max.)        | 4  |
| Quantity of participants PU (max.)                | 32   |
| Number of PDU participants (max.)                 | 16   |
| Measuring technique                               | Conductivity Measurement   |
| Dimensions  | Width: 110 mm<br>Height: 30 mm<br>Depth: 40 mm   |
| Operating temperature range                       | 5 °C...45 °C   |
| Ambient humidity (non-condensing)                 | 5...95 %   |
| Packaging unit                                    | 1 pc(s).   |
| Net weight  | 0.26   |
| Gross weight                                      | 0.283  |
| PCF/VE (cradle-to-gate)                           | 1.1 kg CO2 eq (Cat B)  |
| Information regarding the PCF class               | Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared |
| Customs tariff number                             | 85319000   |
| EAN   | 4028177695825  |
| ETIM 9  | EC002627   |
| ECLASS 8.0  | 27189253   |

## Approvals

|           |                    |
|-----------|--------------------|
| Approvals | UL + C-UL (listed) |
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# Approvals

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Explanations

Manufacturer's declaration  
Declaration of conformity