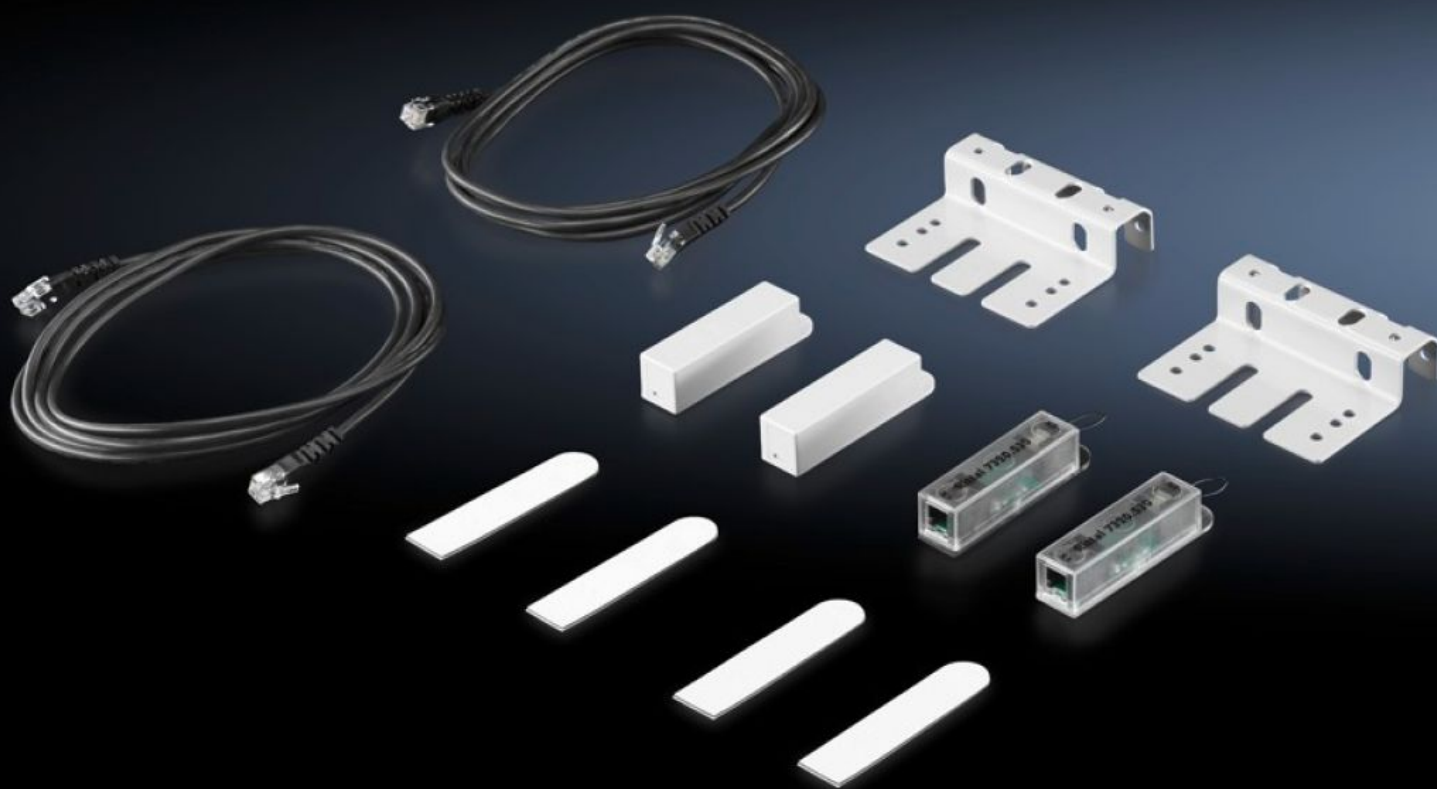
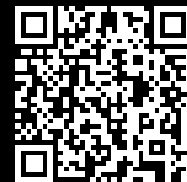


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## DK 7320.530 CMC III sensors

State: 11/03/2026 (Source: [rittal.com/gr-en](http://rittal.com/gr-en))

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FRIEDHELM LOH GROUP



# DK 7320.530 - CMC III sensors

Monitor various parameters in enclosures or rooms.

## Features

|                     |                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.           | DK 7320.530                                                                                                                                                                                                                                                                                                                                                                                           |
| Design              | Access sensor                                                                                                                                                                                                                                                                                                                                                                                         |
| Product description | CMC III sensors are used for monitoring the physical environment and can be connected directly to the PU via a CAN bus connection cable RJ45. The sensors may also be linked together to form 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 of enclosures, rooms and containers in the IT environment                                                                                                                                                                                                                                                                  |
| Function principle  | Settings can be made via the CMC III processing unit or IoT interface<br>The CMC-TC sensor is mounted on the enclosure frame. A magnetic counterpart is bonded on to the door.<br>The sensor detects whether the magnetic counterpart is up against the sensor and therefore whether the door is closed.<br>A red LED indicates when the magnet has not been detected and the door is therefore open. |
| Material            | Plastic<br>Front: Smooth<br>Enclosure: Textured                                                                                                                                                                                                                                                                                                                                                       |
| Colour              | Enclosure: transparent                                                                                                                                                                                                                                                                                                                                                                                |
| Supply includes     | Sensor<br>Mounting plate<br>Assembly parts<br>Connection cable with connector<br>Jumper plug<br>Mounting bracket<br>Assembly parts                                                                                                                                                                                                                                                                    |

# Features

|                                        |                                                                                                                                                              |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connection to the CAN bus              | Indirect, via CMC III CAN bus interfaces                                                                                                                     |
| Interfaces                             | RJ12                                                                                                                                                         |
| No. of participating PU compact (max.) | 4                                                                                                                                                            |
| No. of participating PU (max.)         | 32                                                                                                                                                           |
| Number subscribers per PDU note        | The number of users increases since up to 5 sensors may be connected in series. However, sensors connected in series emit only one signal.                   |
| Note                                   | The sensor is connected to the CMC III via a CMC III CAN bus sensor.<br>Up to 5 CMC-TC access sensors can connected in series to one CMC III CAN bus sensor. |
| Measuring technique                    | Reed contact, magnet                                                                                                                                         |
| Dimensions                             | Width: 78 mm<br>Height: 20 mm<br>Depth: 18 mm                                                                                                                |
| Operating temperature range            | 5 °C...45 °C                                                                                                                                                 |
| Ambient humidity (non-condensing)      | 5...95 %                                                                                                                                                     |
| Packs of                               | 2 pc(s).                                                                                                                                                     |
| Net weight                             | 0.4 kg                                                                                                                                                       |
| Gross weight                           | 0.491 kg                                                                                                                                                     |
| Customs tariff number                  | 85319000                                                                                                                                                     |
| ETIM 9                                 | EC002627                                                                                                                                                     |
| ECLASS 8.0                             | 27189253                                                                                                                                                     |
| Product description                    | CMC III access sensor, for connecting to CMC III processing unit via CAN bus sensor, interfaces: RJ12, WxHxD: 78x20x18 mm                                    |

## Approvals

# Approvals

Explanations

Manufacturer's declaration

Declaration of conformity

## Tender text

### CMC-TC access sensor

The access sensor monitors doors, side panels or windows in the enclosure. Up to five access sensors may be connected in series to one monitoring line.

They are suitable for the I/O Unit, Access Unit and Climate Unit. The sensor contains an ID so that it is automatically detected and set up by the CMC-TC system.

Magnet element and monitoring reed contact with integrated ID for automatic set up by CMC-TC.

It is connected to the I/O sensor unit via the connection cable supplied loose  
2 x RJ12 jack, connection cable 2m,  
with RJ 12 connectors on both sides.

### Technical specifications:

Temperature application range: + 5 °C to + 45 °C

Compact plastic enclosure WxHxD: 18 x 77 x 19 mm

Up to five access sensors may be connected in series, the RJ12 jumper plugs forms the end.

Supply includes installation bracket and assembly parts

Packs of 2