

# Rittal – The System.

Faster – better – everywhere.



## DK 7010.190 Sensors

State: 2026-06-14 (Source: [rittal.com/ca-en](http://rittal.com/ca-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7010.190 - Sensors for CMC III, PDU, LCP, IoT interface

Universal sensor with two digital inputs and one analogue input, which can be configured as required for the application in question.

## Features

|                             |  |
|-----------------------------|--|
| Model No.                   | DK 7010.190  |
| Version                     | Universal sensor   |
| 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, the PDU or via the IoT interface<br>The sensor has two digital inputs and one analog input, which can be configured as required for the application in question.<br>The digital inputs can be configured as 2x floating monitoring contacts, 2x S0 bus inputs (energy measuring instruments) or 1x Wiegand interface (external access systems). The analog input can be used as a 4 - 20 mA interface. |
| Material                    | Plastic  |
| Surface finish              | Front: Smooth<br>Housing: Textured   |
| Color                       | RAL 9005   |
| Supply includes             | Universal sensor   |
| Connection to the CAN bus   | Direct   |
| Interfaces                  | 2 x RJ45 CAN bus<br>Analog, 4 - 20 mA<br>2 digital inputs/S0-bus/Wiegand   |
| Dimensions                  | Width: 110 mm<br>Height: 30 mm<br>Depth: 40 mm   |
| Operating temperature range | 0 °C...45 °C   |

## Features

---

|                                   |  |
|-----------------------------------|--|
| Ambient humidity (non-condensing) | 0...95 %   |
| Packaging unit                    | 1 pc(s).   |
| Net weight                        | 0.127 kg   |
| Gross weight                      | 0.157 kg   |
| Customs tariff number             | 85319000   |
| Product description               | Universal sensor, for connecting to CMC III Processing Unit, WHD:<br>110 x 30 x 40 mm, Front: RAL 9005 |

## Approvals

---

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