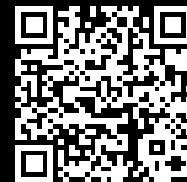


# Rittal – The System.

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## DK 7010.160 Sensors

State: 10/02/2026 (Source: [rittal.com/gr-en](http://rittal.com/gr-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7010.160 - Sensors for CMC III, PDU, LCP, IoT interface

The sensors are used for monitoring the physical environment and can be connected directly to the embedded devices using a CAN bus connection cable. The sensors may also be linked together to form a bus.

## Features

Model No.	DK 7010.160
Design	Access monitoring sensor
Benefits	Fast connection and automatic detection via plug & play Power is supplied via the CAN-BUS interface.
Applications	Enclosure monitoring in IT, industry and facility management Monitoring of enclosures, rooms and containers in the IT environment
Function principle	<p>The sensor has an integrated infrared transmitter and receiver. The access monitoring sensor uses infrared light to monitor whether the enclosure door is open or closed.</p> <p>The access monitoring sensor monitors the gravitational forces (G-forces) acting on the three x, y and z axes.</p> <p>The sensor is mounted in the enclosure and pointed at the door so that the light is reflected by a reflector strip on the door.</p> <p>The sensor is mounted on the enclosure frame and vibrations acting on the enclosure are transmitted to the sensor.</p> <p>Settings can be made via the CMC III processing unit, PDU or IoT interface</p>
Material	Plastic
Surface finish	Front: Smooth Enclosure: Textured
Colour	RAL 9005
Supply includes	Sensor Mounting plate Assembly parts
Connection to the CAN bus	Direct

## Features

Interfaces	2 x RJ45 CAN bus Jack
Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm
Operating temperature range	0 °C...55 °C
Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
Net weight	0.063
Gross weight	0.163
Customs tariff number	85319000
ETIM 9	EC002627

## Approvals

Explanations	Declaration of conformity
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