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## DK 7010.160 Sensors

State: 4/22/2026 (Source: [rittal.com/us-en](http://rittal.com/us-en))

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POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



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

The access monitoring sensor uses infrared light to monitor whether the door of a cabinet is open or closed An integrated vibration sensor emits an alarm if vandalism is detected.

## Features

Model No.	DK 7010.160
Version	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 enclosures, rooms and containers in the field of IT.
Function principle	<p>The sensor has an integrated infrared transmitter and receiver.</p> <p>The access monitoring sensor uses infrared light to monitor whether the door of the cabinet is open or closed</p> <p>The Access Monitoring sensor monitors the 3 axes x, y and z for the acting forces of attraction (g-forces)</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, the PDU or via the IoT interface</p>
Material	Plastic
Surface finish	Front: Smooth Housing: Textured
Color	RAL 9005
Supply includes	Sensor Mounting panel Assembly components
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus Socket

# Features

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Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm Width: 4.33 " Height: 1.18 " Depth: 1.57 "
Operating temperature range	0 °C...55 °C 32 °F...131 °F
Ambient humidity (non-condensing)	5...95 %
Packaging unit	1 pc(s).
Net weight	0.063 kg
Gross weight	0.163 kg
Customs tariff number	85319000
ETIM 9	EC002627
Product description	DK access monitoring sensor, connection via CAN bus interface, W x H x D: 110 x 30 x 40 mm, RAL 9005

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# Approvals

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

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