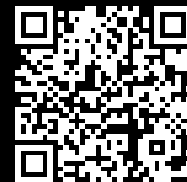


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DK 7010.160 Sensors

State: 28.08.2025. (Source: [rittal.com/hr-hr](https://www.rittal.com/hr-hr))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



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

Access monitoring sensor

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
Interfaces	2 x RJ45 CAN bus Jack

Features

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).
ETIM 9	EC002627