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DK 7010.160 Sensors

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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
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

Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm
Operating temperature range	0 °C...55 °C
Ambient humidity (non-condensing)	5...95 %
Packaging unit	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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