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DK 7010.160

Sensors

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FRIEDHELM LOH GROUP

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

The access monitoring sensor with CAN bus uses infrared light to monitor hether 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	The sensor has an integrated infrared transmitter and receiver. The access monitoring sensor uses infrared light to monitor whether the door of the cabinet is open or closed The Access Monitoring sensor monitors the 3 axes x, y and z for the acting forces of attraction (g-forces) 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. The sensor is mounted on the enclosure frame and vibrations acting on the enclosure are transmitted to the sensor. Settings can be made via the CMC III Processing Unit, the PDU or via the IoT interface
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

Features

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
CRA risk class	Default (Low Risk)
Customs tariff number	85319000
ETIM 9	EC002627
Product description	DK access monitoring sensor, connection via CAN bus interface, WHD: 110x30x40 mm, RAL 9005

Approvals

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