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DK 7010.160

Sensors

State: 26/11/2025 (Source: rittal.com/ro-ro)

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	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. The access monitoring sensor monitors the gravitational forces (G-forces) acting on the three x, y and z axes. 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, PDU or IoT interface
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).
Net weight	0.063
Gross weight	0.163
Customs tariff number	85319000
ETIM 9	EC002627

Approvals

Explanations	Declaration of conformity