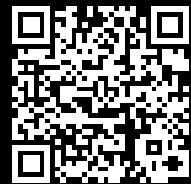


Rittal – The System.

Faster – better – everywhere.



DK 7010.160

Sensors

State: 10/02/2026 (Source: ittal.com/gr-en)

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 |
| 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 |

Features

| | |
|-----------------------------------|--|
| Interfaces | 2 x RJ45 CAN bus Jack |
| 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 |
|--------------|---------------------------|
