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## DK 7010.180 Access control

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7010.180 - Access control for CMC III, PDU, LCP, IoT interface

Access control

## Features

Model No.	DK 7010.180
Design	Access control
Product description	Two handles and two reader units can be connected to one access control unit. The handles can be linked to various numerical codes or RFID card numbers via the CMC III processing unit website, PDU or IoT interface. This allows all handles connected to a CMC III processing unit, PDU or IoT interface to be controlled with just one reader unit. The integral infrared sensor also monitors the status of the controlled door (open/closed). The sensor also features a vibration sensor which emits an alarm if vandalism is detected.
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	For connecting two handles and two reader units to monitor doors Integral IR access sensor Built-in vandalism sensor
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
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	0.166 kg
Gross weight	0.169 kg
Customs tariff number	85311095
ETIM 9	EC002627
Product description	DK access control, connection via CAN bus interface, WHD: 110x30x40 mm, RAL 9005

# Approvals

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

# Tender text

## Access Control with CAN-Bus

Art. 7010180

PU = 1 piece

Compact plastic enclosure with ventilated front, RAL 9005.

The sensor has two RJ45 connectors with an integrated CAN bus. The sensor is automatically recognized by the Rittal Embedded Devices, and assigned within the bus sequence with a consecutive number. Power is supplied via the connection to the CAN bus.

Up to two Rittal handles and two Rittal readers can be connected to one Access Control.

The integrated infrared sensor monitors the opening state of the door (open/closed).

The unit is equipped with a vibration sensor which sends an alarm when vandalism is detected.

Technical data:

CAN bus sockets RJ45: 2

Degree of protection: IP 20 according to EN 60 529

Operating temperature range:

0 °C to + 55 °C

Operating humidity range:

5% to 95% RH non-condensing

WxHxD: 110 x 30 x 40 mm

Included in the PU: Sensor, quick guide and universal mounting kit