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DK 7010.210 Sensors

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FRIEDHELM LOH GROUP



DK 7010.210 - Sensors for CMC III, PDU, LCP, IoT interface

The leak point sensor with CAN bus monitors the floor for conductive liquids (leaks) via two contacts.

Features

Model No.	DK 7010.210
Design	Leak point 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	Settings can be made via the CMC III processing unit, PDU or IoT interface The leak point sensor has an external sensor fitted perpendicular to the base. The sensor monitors the base for conductive liquids (leakage) using two contacts.
Material	Plastic
Surface finish	Front: Smooth Enclosure: Textured
Colour	RAL 9005
Supply includes	Leak sensor External sensor with connection cable Mounting plate Assembly parts
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus
Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm
Operating temperature range	0 °C...45 °C

Features

Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
Net weight	0.24 kg
Gross weight	0.251 kg
CRA risk class	Default (Low Risk)
Customs tariff number	90261029
ETIM 9	EC002627
Product description	DK leak point sensor, connection via CAN bus interface, WHD: 110x30x40 mm, RAL 9005

Approvals

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

Tender text

Leakage Point sensor with CAN-Bus

Art. 7010210

PU = 1 piece

Compact plastic enclosure with ventilated front, RAL 9005.

Sensor probe (RAL 9005) externally connected via cable with plug.

The sensor has two RJ45 connectors with an integrated CAN bus. The sensor is automatically recognized by

Rittal Embedded Devices, and assigned within the bus sequence with a consecutive number. Integrated multi-color LED as status indicator.

The sensor has two pins at the probe head between which the conductivity is monitored. If a liquid closes the contact between the two pins, the sensor reports an alarm.

Power is supplied via the connection to the CAN bus.

The warning and alarm messages can be displayed via the software of the Rittal Embedded Devices.

Technical data sensor probe:

Operating principle: Conductivity monitoring

Rated voltage: 24 V DC

Degree of protection: IP 65

Technical data:

Socket for sensor probe: 1

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, sensor probe with cable and plug(>,<)>
quick guide and universal mounting kit