

Rittal – The System.

Faster – better – everywhere.



DK 7010.190 Sensors

State: 4/22/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7010.190 - Sensors for CMC III, PDU, LCP, IoT interface

Universal sensor with two digital inputs and one analogue input, which can be configured as required for the application in question.

Features

Model No.	DK 7010.190
Version	Universal 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	Settings can be made via the CMC III Processing Unit, the PDU or via the IoT interface The sensor has two digital inputs and one analog input, which can be configured as required for the application in question. The digital inputs can be configured as 2x floating monitoring contacts, 2x S0 bus inputs (energy measuring instruments) or 1x Wiegand interface (external access systems). The analog input can be used as a 4 - 20 mA interface.
Material	Plastic
Surface finish	Front: Smooth Housing: Textured
Color	RAL 9005
Supply includes	Universal sensor
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus Analog, 4 - 20 mA 2 digital inputs/S0-bus/Wiegand

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...45 °C 32 °F...113 °F
Ambient humidity (non-condensing)	0...95 %
Packaging unit	1 pc(s).
Customs tariff number	85319000
Product description	Universal sensor, for connecting to CMC III Processing Unit, WHD: 110 x 30 x 40 mm, Front: RAL 9005

Approvals

Approvals	UL + C-UL (listed)
-----------	--------------------