

# Rittal – The System.

Faster – better – everywhere.



## DK 7010.110 Sensors

State: 13/04/2026 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7010.110 - Sensors for CMC III, PDU, LCP, IoT interface

The temperature sensor monitors the ambient temperature in the enclosure.

## Features

Model No.	DK 7010.110
Design	Temperature 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 monitors the ambient temperature in the enclosure Settings can be made via the CMC III processing unit or IoT interface With a passive airflow the integrated sensor in the enclosure can be used. For applications without an active airflow, the external NTC sensor provided must be connected. Measurement range for external sensors: -40 °C...+80 °C
Material	Plastic
Surface finish	Front: Smooth Enclosure: Textured
Colour	RAL 9005
Supply includes	External temperature sensor with connection cable and connector NTC sensor, length 1.80 m max. cable length 2 m
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus Jack
Dimensions	Width: 80 mm Height: 30 mm Depth: 40 mm
Operating temperature range	0 °C...55 °C

## Features

---

Ambient humidity (non-condensing)	0...95 %
Packs of	1 pc(s).
Net weight	0.111 kg
Gross weight	0.163 kg
Customs tariff number	90269000
ETIM 9	EC002627
Product description	DK Temperature sensor, connection via CAN bus interface, WxHxD: 80x30x40 mm, RAL 9005

## Approvals

---

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