

Rittal – The System.

Faster – better – everywhere.



DK 7010.140 Sensors

State: 5/13/2026 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7010.140 - Sensors for CMC III, PDU, LCP, IoT interface

The airflow sensor measures the current airflow rates, and can detect fluctuations in the flow.

Features

Model No.	DK 7010.140
Version	Air flow 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 airflow sensor has an external sensor mounted in the airflow. The sensor measures the air flow from heat losses, and can detect fluctuations in the flow.
Material	Plastic
Surface finish	Front: Smooth Housing: Textured
Color	RAL 9005
Supply includes	Sensor Mounting panel External airflow sensor including assembly components Assembly components
Connection to the CAN bus	Direct
Interface bus system	2 x RJ45 CAN bus Terminal
Interfaces	2 x RJ45 CAN bus Socket

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	Air flow sensor, for connecting to CMC III Processing Unit, WHD: 110 x 30 x 40 mm, Housing: RAL 7035, Front: RAL 9005

Approvals

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