Rittal – The System.

Faster - better - everywhere.





DK 7030.140 CMC III Sensors

State: 2025-11-27 (Source: rittal.com/ca-en)



DK 7030.140 - CMC III Sensors

CMC III analog airflow sensor

Features

DK 7030.140	
DK 7030.140	
Analog airflow sensor	
CMC III sensors are used to monitor the physical environment and can be directly connected to the PU by an RJ45 CAN bus connection cable. The sensors can also be interconnected as a bus.	
Fast connection and automatic detection via plug & play Power is supplied via the CAN bus interface.	
Enclosure monitoring in IT, industry and facility management Monitoring enclosures, rooms and containers in the field of IT.	
Settings can be made via the CMC III Processing Unit or the IoT interface. The CMC III 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. Application: Fan, filter, climate control devices	
Plastic Front: Smooth Housing: Textured	
Front: RAL 9005 Housing: RAL 7035	
Sensor Mounting panel Assembly components External airflow sensor including assembly components	
Direct	
2 x RJ45 CAN bus Terminal	

© Rittal 2025

Features

Quantity of participants per IoT interface (max.)	10
Quantity of participants PU compact (max.)	4
Quantity of participants PU (max.)	10
Number of PDU participants (max.)	5
Number subscribers per PDU note	Max. 5 pcs for power supply via PoE
Measuring technique	Differential Temperature Measurement
Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm
Operating temperature range	0 °C55 °C
Ambient humidity (non- condensing)	595 %
Packaging unit	1 pc(s).
Net weight	0.53
Gross weight	0.536
PCF/VE (cradle-to-gate)	1.6 kg CO2 eq (Cat B)
Information regarding the PCF class	Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared
Customs tariff number	85319000
EAN	4028177659520
ETIM 9	EC002627
ECLASS 8.0	27189253

Approvals

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

© Rittal 2025 3

Approvals

Explanations

Manufacturer's declaration Declaration of conformity

© Rittal 2025 4