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DK 7030.140

CMC III Sensors

State: 11/11/2026 (Source: www.rittal.com/us-en)

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DK 7030.140 - CMC III Sensors

CMC III analog airflow sensor

Features

Model No.	DK 7030.140
Version	Analog airflow sensor
Product description	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.
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 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
Material	Plastic Front: Smooth Housing: Textured
Color	Front: RAL 9005 Housing: RAL 7035
Supply includes	Sensor Mounting panel Assembly components External airflow sensor including assembly components
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus Terminal

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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 Width: 4.33 ″ Height: 1.18 ″ Depth: 1.57 ″
Operating temperature range	0 °C...55 °C 32 °F...131 °F
Ambient humidity (non-condensing)	5...95 %
Packaging unit	1 pc(s).
Net weight	0.53 kg
Gross weight	0.536 kg
PCF/VE (cradle-to-gate)	1.6 kg CO2 eq (Cat B)
CRA risk class	Default (Low Risk)
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
ETIM 9	EC002627
ECLASS 8.0	27189253
Product description	DK CMC III Analog airflow sensor, WHD: 110x30x40 mm

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Approvals

Approvals	UL + C-UL (listed)
Explanations	Manufacturer's declaration Declaration of conformity