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DK 7030.150
CMC III Sensors

State: 11/9/2026 (Source: www.rittal.com/us-en)

DK 7030.150 - CMC III Sensors

CMC III analog differential pressure sensor

Features

Model No.	DK 7030.150
Version	Analog differential pressure 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 differential pressure sensor measures the air pressure at two points in the room and displays the differential pressure between the two measuring points. The two points in the room are defined using a thin hose connected to the sensor. Application: Cold aisle containment, raised floor
Material	Plastic Front: Smooth Housing: Textured
Color	Front: RAL 9005 Housing: RAL 7035
Supply includes	Sensor Mounting panel Assembly components Analog differential pressure sensor
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus

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Features

Quantity of participants per IoT interface (max.)	32
Quantity of participants PU compact (max.)	4
Quantity of participants PU (max.)	32
Number of PDU participants (max.)	16
Measuring technique	Differential Pressure 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	0.4 kg
Gross weight	0.539 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 differential pressure sensor, WHD: 110x30x40 mm

Approvals

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