



PRODUCT-DETAILS

FCC/S1.5.2.1

FCC/S1.5.2.1 Fan Coil Controller, 2 x PWM, 0-10 V, Manual Operation, MDRC



General Information	
Extended Product Type	FCC/S1.5.2.1
Product ID	2CDG110235R0011
EAN	4016779011525
Catalog Description	FCC/S1.5.2.1 Fan Coil Controller, 2 x PWM, 0-10 V, Manual Operation, MDRC
Long Description	<p>For the control of fan coil units. Via two electronic outputs, two thermoelectric or one motor-driven valve drive can be controlled for heating and cooling. For the fan control the devices features an analog output for the control of a continues fan. A relay output switches an additional load of up to 16 A, such as auxiliary heating. Over 4 inputs the room status can be detected and monitored (Use for window contact, dew point sensor, level sensor or temperature sensor). Also it is possible to connect one analog room control unit (SAR/A or SAF/A) to the inputs of the device. The device has an integrated room temperature controller for the control of the room temperature, which can be used directly to control the outputs of the device. The FCC/S 1.5.2.1 features an easy to use manual operation.</p> <p>The device supports the ABB i-bus Tool for advanced diagnosis and improved commissioning.</p>

Installation	
Instructions and Manuals	2CDG941188P0002

Mounting Type

DIN-Rail

Technical

Data Sheet, Technical Information	2CDC508219D0211
Special Functions	Valve Protection
Number of Outputs	4
Number of Digital Inputs	4
Number of Inputs	Analog (0 ... 10 V / 4 ... 20 mA) 4
Compatible Bus Systems	KNX (TP)
Manipulated Variable	Continuous
Product Range	KNX
Manual Operation	Yes
Number of Batteries	0

Electrical

Maximum Switching Current	16 A
Output Current Maximum (I <sub>out</sub> )	0.5 A
Power Loss	3 W

Design

Color	light grey
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Material Compliance

RoHS Information	2CDK508229D2701
RoHS Status	Following EU Directive 2011/65/EU
REACH Declaration	9AKK108468A9644
REACH Information	False - does not contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Degree of Protection	IP20
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Dimensions

Width in Number of Modular Spacings	6
Product Net Width	105 mm
Product Net Height	90 mm
Product Net Depth / Length	63.5 mm
Product Net Weight	0.215 kg
Dimension Diagram	2CDC072026F0017

Certificates and Declarations

CB Certificate	9AKK107991A3187
Declaration of Conformity - CE	2CDK508229D2701

Classifications

ETIM 9	EC001586 - Heating actuator for bus system
eClass	V11.0 : 27143147
UNSPSC	39121801
Object Classification Code	A
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDG120049R0011	TSA/K230.2 Thermoelectric Valve Drive, 230 V	TSA/K230.2	1	piece
2CDG120050R0011	TSA/K24.2 Thermoelectric Valve Drive, 24 V	TSA/K24.2	1	piece
2CKA006134A0346	SAR/A1.0.1-24 RT-control element	SAR/A1.0.1-24	1	piece
2CKA006134A0348	SAF/A1.0.1-24 HVAC-control element	SAF/A1.0.1-24	1	piece

Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → Heating, Ventilation and Air Conditioning → Fan Coil Controllers



360°