



PRODUCT-DETAILS

# VC/S4.2.1

## VC/S4.2.1 Valve Drive Controller, 4-fold, Manual Operation, MDRC



General Information

Extended Product Type	VC/S4.2.1
Product ID	2CDG110217R0011
EAN	4016779011495
Catalog Description	VC/S4.2.1 Valve Drive Controller, 4-fold, Manual Operation, MDRC
Long Description	<p>For the control of heating and cooling applications in the room, such as radiator, floor heating or cooling ceiling. The device has 4 channels each for the independent control of a heating or cooling application. Each channel has an electronic valve output for the control of a thermoelectric valve drive, as well as 3 inputs to detect and monitor the room status (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 each channel. Each channel has its own integrated room temperature controller for the control of the room temperature, which can be used directly to control the outputs of the device. The VC/S 4.2.1 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	2CDG941186P0002
Mounting Type	DIN-Rail

## Technical

Data Sheet, Technical Information	2CDC508245D0211
Special Functions	Valve Protection
Number of Outputs	4
Number of Digital Inputs	12
Number of Inputs	Analog (0 ... 10 V / 4 ... 20 mA) 12
Compatible Bus Systems	KNX (TP)
Manipulated Variable	Continuous
Product Range	KNX
Manual Operation	Yes
Number of Batteries	0

## Electrical

Voltage Range	230 V AC
Output Current Maximum ( $I_{out}$ )	0.5 A
Power Loss	3 W

## Design

Color	light grey
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## Material Compliance

RoHS Information	2CDK508251D2701
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	8
Product Net Width	140 mm
Product Net Height	90 mm
Product Net Depth / Length	63.5 mm
Product Net Weight	0.275 kg
Dimension Diagram	2CDC072027F0017

## Certificates and Declarations

CB Certificate	9AKK107991A3215
Declaration of Conformity - CE	2CDK508251D2701

Classifications

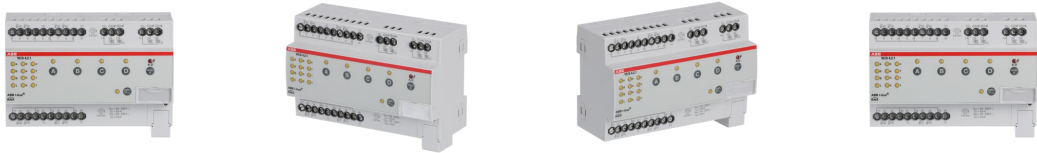
ETIM 9	EC001586 - Heating actuator for bus system
eClass	V11.0 : 27143147
UNSPSC	39121801
Object Classification Code	A
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

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

Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → Heating, Ventilation and Air Conditioning → Valve Drive Actuators



360°