

## PRODUCT-DETAILS

# HCC/S2.1.1.1

## HCC/S2.1.1.1 Heating/Cooling Circuit Controller, 2-fold, 0-10 V, MDRC



### General Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Extended Product Type | HCC/S2.1.1.1                                                          |
| Product ID            | 2CDG110218R0011                                                       |
| EAN                   | 4016779011617                                                         |
| Catalog Description   | HCC/S2.1.1.1 Heating/Cooling Circuit Controller, 2-fold, 0-10 V, MDRC |

#### Long Description

For the control of a heating or cooling circuit. The device has 2 channels, each with an analog output to control the mixing valve (0...10V) of a heating or cooling circuit as well as a relay output (5A) to switch the pump of the circuit. Via 3 binary inputs it is possible to monitor the status of the pump (via potential free contacts) and integrate these feedback into the control of the pump. The flow and return flow temperature are measured and used for the calculation of the control value for the valve output in the integrated controller. The set point temperature is received via the KNX bus. By bundling both channels of the device it is also possible to use it for double pump systems.

The device supports the ABB i-bus Tool for advanced diagnosis and improved commissioning.

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 4016779011617 |
| Customs Tariff Number  | 85371091      |
| Minimum Order Quantity | 1 piece       |
| E-Number (Switzerland) | 405711215     |
| E-Number (Finland)     | 2814567       |
| E-Number (Sweden)      | 1739457       |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Depth / Length | 63.5 mm |
| Product Net Height         | 90 mm   |
| Product Net Width          | 140 mm  |
| Product Net Weight         | 0.28 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 EAN            | 4016779011617 |
| Package Level 1 Depth / Length | 149 mm        |
| Package Level 1 Height         | 65 mm         |
| Package Level 1 Width          | 92 mm         |
| Package Level 1 Gross Weight   | 0.33 kg       |

## Technical

|                        |          |
|------------------------|----------|
| Compatible Bus Systems | KNX (TP) |
| Degree of Protection   | IP20     |
| Mounting Type          | DIN-rail |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC508246D0211 |
| Instructions and Manuals          | 2CDG941187P0003 |
| Declaration of Conformity - CE    | 2CDK508230D2701 |
| RoHS Information                  | 2CDK508230D2701 |

## Environmental

|             |                                   |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

## Classifications

|               |                                                            |
|---------------|------------------------------------------------------------|
| ETIM 5        | EC001586 - Heating actuator for bus system                 |
| ETIM 6        | EC001586 - Heating actuator for bus system                 |
| ETIM 7        | EC001586 - Heating actuator for bus system                 |
| eClass        | V11.0 : 27143147                                           |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

---

## Categories

---

Low Voltage Products and Systems → Home and Building Automation → KNX → Heating, Ventilation and Air Conditioning → Central HVAC Controllers

