

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
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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

