

PRODUCT-DETAILS

BCI/S1.1.1

BCI/S1.1.1 Boiler/Chiller Interface, 1-fold, MDRC



General Information

Extended Product Type	BCI/S1.1.1
Product ID	2CDG110222R0011
EAN	4016779011655
Catalog Description	BCI/S1.1.1 Boiler/Chiller Interface, 1-fold, MDRC

Long Description

As interface between the KNX system and a heat generator or chiller. Via an analog output (0...10V) the set point or set point adjustment temperature can be transmitted to the heat generator/chiller. The set point itself is received via KNX. Via two binary inputs the device can monitor the status of the heat generator/chiller (via potential free contacts) and send it on the KNX bus. A relay output (5A) is included to switch or enable/disable the heat generator/chiller. With an additional relay output (5A) the pump of the heat generator/chiller can be switched on and off. 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 device supports the ABB i-bus Tool for advanced diagnosis and improved commissioning.

Technical

Product Name	Heating, Ventilation and Air Conditioning
Current Type	DC
Rated Operational Voltage	230 V AC
Input Voltage (U_{in})	21 ... 32 V
Rated Current (I_n)	5 A
Maximum Switching Current	5 mA
Maximum Switching Power	1150 W

Number of Outputs	Venetian-Blind Maximum 0
Number of LEDs	0
Number of Input Channels	5
Number of Output Channels	3
Compatible Bus Systems	KNX (TP)
Mounting Type	DIN-Rail
Manual Operation	No
Suitable for C-Load	No
Color	Light grey
Number of Batteries	0

Environmental

Degree of Protection	IP20
RoHS Status	Following EU Directive 2011/65/EU

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	0.21 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	92 mm
Package Level 1 Height	65 mm
Package Level 1 Depth / Length	113 mm
Package Level 1 Gross Weight	0.26 kg
Package Level 1 EAN	4016779011655

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85371091
E-Number (Finland)	2814571
E-Number (Sweden)	1739461
E-Number (Switzerland)	405711115
Country of Origin	Germany (DE)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK508252D2701
Instructions and Manuals	2CDC508243D0211

Popular Downloads

Data Sheet, Technical Information	2CDC508254D0211
Instructions and Manuals	2CDC508243D0211

Classifications

ETIM 6	EC001584 - I/O device for bus system
ETIM 7	EC001584 - I/O device for bus system
ETIM 8	EC001584 - I/O device for bus system
EPLAN Catalog Tree	Electrical engineering / Sensor, switch, and pushbutton / Switch , pushbutton
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8537 10 91
eClass	V11.0 : 27143145
Object Classification Code	A

Categories

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

