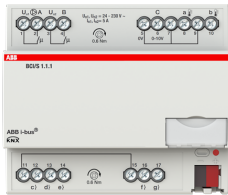




PRODUCT-DETAILS

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 | <p>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.</p> <p>The device supports the ABB i-bus Tool for advanced diagnosis and improved commissioning.</p> |

| Installation | |
|--------------------------|-----------------|
| Instructions and Manuals | 2CDC508243D0211 |

| | |
|---------------|----------|
| Mounting Type | DIN-Rail |
|---------------|----------|

| | |
|-------------------------------------|-------------------------------------|
| Technical | |
| Data Sheet, Technical Information | 2CDC508254D0211 |
| Maximum Number of Switching Outputs | 2 |
| Number of Inputs | Analog (0 ... 10 V / 4 ... 20 mA) 5 |
| Number of Input Channels | 5 |
| Number of Output Channels | 3 |
| Compatible Bus Systems | KNX (TP) |
| Product Range | KNX |
| Manual Operation | No |
| Suitable for C-Load | No |
| Number of Batteries | 0 |

| | |
|------------------------------------|---------------------------|
| Electrical | |
| Current Type | DC |
| Rated Operational Voltage | 230 V AC |
| Input Voltage (U _{in}) | 21 ... 32 V |
| Output Voltage (U _{out}) | 0 ... 10 V DC 230 V AC |
| Rated Current (I _n) | 5 A |
| Maximum Switching Current | 6 A |
| Maximum Switching Power | 1150 W |

| | |
|---------------|------------|
| Design | |
| Color | light grey |

| | |
|---|--|
| Material Compliance | |
| RoHS Information | 2CDK508252D2701 |
| 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 |

| 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 |
| Dimension Diagram | 2CDC072026F0017 |

| Certificates and Declarations | |
|--------------------------------|-----------------|
| CB Certificate | 9AKK107991A3183 |
| Declaration of Conformity - CE | 2CDK508252D2701 |

| Classifications | |
|----------------------------|--|
| ETIM 9 | EC001584 - I/O device for bus system |
| eClass | V11.0 : 27143145 |
| UNSPSC | 39122221 |
| Object Classification Code | A |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Consumer |

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

