

BZ400 Series Control Module (brief introduction)



System Brief Introduction:

The BZ400 series is a new generation of modular room control system, designed to offer flexibility and scalability to suit the ever-changing requirement of the market. With a fully featured range of control modules from Dimming, to curtain control and everything in between this system will ensure that you have a winning solution for every client. With installation and commissioning in mind Bridges has designed this system from the ground up to reduce the time and complexity of installation. With simple to use software and plug and play modules each room can be customized with out compromise.

Main Features

The BZ400 family all work together on our DLNet BUS that allows the modules to be daisy chained together greatly reducing the amount of wiring and interconnects between each module. The DLNet delivers data and power between the modules using a standard 12pin interconnect cable delivering plug and play installation.

Our simple yet powerful control and commissioning software makes deployment easy and with our open protocol integration with 3rd party devices is a breeze.

All Modules are DIN rail mountable for quick and convenient installation

Technical parameters:

- Main power input terminal: 12V DC lines (maximal lead cross section: 2.5mm²)
- Room status input: DND, MUR, service, please wait, doorbell
- SOS, insert card for power, dynamic/static probe, door sensor
- Room status output: DND; MUR; service; please wait; indicating output; doorbell ring output;
- Card access output: 1x high-voltage output channel and 1x low-voltage output channel
- Internal network communication: 1xRS485 communication interface
- External network communication interface: 1x CAN/RS485/TCP-IP communication interface (optional);
- LED Indicator: Module Status
- Din Rail Mounting
- DLNet Bus Powered
- Working environment: maximum temperature 55°C; maximum humidity at 95%.
- Dimensions: 110 × 93 × 74.5mm (LWH)
- Weight: 500 Grams

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Product list:

Model	Description
BZ400P	Power Supply
BZ402	Multifunctional base
BZ405D	1-10V 4-channel control module: 5A/channel
BZ416R	4-channel Relay module: 16A/channel
BZ405RE	4-channel single-pole, double-throw relay model: 5A/channel
BZ405T	5-channel air conditioning control module
BZ205W	Control module of electric curtains with two AC motors
BZ405L	4-channel constant-voltage LED dimming module: 5A/channel
BZ400HU	Room status control module

General view of BZ-400 series system:

