

Room Panels | e-Bus Coupling



Bus coupling unit for building automation



BC.082001-001

Intelligent multiprotocol coupling unit for e-Touch panels

e-Bus Coupling is a family of multiprotocol intelligent coupling units that are connected to the e-Touch Flexi touch panels, to provide a communication protocol or also different inputs and outputs to perform a control solution over a lighting system, management of scenes, blinds or curtains automation or any other control required in the installation.

Different models of coupling units **e-Bus Coupling** device are available: some models with communication protocol to integrate into a BMS control system, and some others with physical inputs and outputs to manage a control system.

For lighting control different models are available for digital lighting control with the standard DALI protocol, but also with analog control and 0-10V output, that provide all the functions required for a lighting control solution, like switching on and off, manual dimming and scene management. For any other control, different models with the most used communication protocols of the market are available and provide a way to transfer data with a BMS control system or homes.

e-Bus Coupling has an standard format that can be installed in a universal 66x66 mm wall mount enclosure and includes some holes at 60x60 mm to fix into standard enclosure.

Bus coupling unit for e-Touch panels

Multiple protocols for building automation

Models with Inputs/Outputs for direct control

Status LED to help commissioning

For universal enclosure 60x60

Specifications

BC.082001-001, Coupling unit for DALI
Supply 16 Vdc through bus DALI
2 digital inputs
DALI bus communication LED signal

BC.582001-001, Coupling unit for DALI
powered at mains
Supply 95-250 Vac
2 digital inputs
DALI bus communication LED signal

BC.672001-001, Coupling unit for room bus
RS-485
Supply: 24 Vdc
2 digital inputs
Interface: RS-485
Protocol: e-Room Bus

BC.672002-001, Coupling unit for Modbus RTU
Supply: 24 Vdc
2 digital inputs
Interface: RS-485
Protocol: Modbus RTU

BC.501001-001, Coupling unit with 0-10V
output
Supply: 95-250 Vac
1 input phase contact
Output 0-10V: Active, 10 mA
Relay: 250 Vac, 10 A, phase contact

BC.501000-000, Bus coupling with relay
output
Supply: 95-250 Vac
1 input phase contact
Relay: 250 Vac, 10 A, phase contact

Ordering numbers

BC.082001-001
e-Bus Coupling DALI
Bus coupling unit for DALI bus
Supply: Through DALI bus

BC.582001-001
e-Bus Coupling DALI Mains
Bus coupling unit for DALI bus
Supply: 95-250 Vac

BC.672001-001
e-Bus Coupling RS-485
Bus coupling unit for room bus RS-485
Supply: 24 Vdc

BC.672002-001
e-Bus Coupling Modbus RS-485
Bus coupling unit for Modbus RTU
Supply: 24 Vdc

BC.501001-001
e-Bus Coupling 0-10V
Bus coupling unit with 0-10V output +
relay phase contact
Supply: 95-250 Vac

BC.501000-001
e-Bus Coupling OnOff
Bus coupling unit with relay phase contact
Supply: 95-250 Vac



0-10V



e-Bus Coupling

