BC0400
4 zone CONTROL BOX

4-zone control bar compatible with room temperature control systems that use CDOM0x, CRM4.0, CR05xWIFI series multimedia programmable thermostats and compatible derivatives.
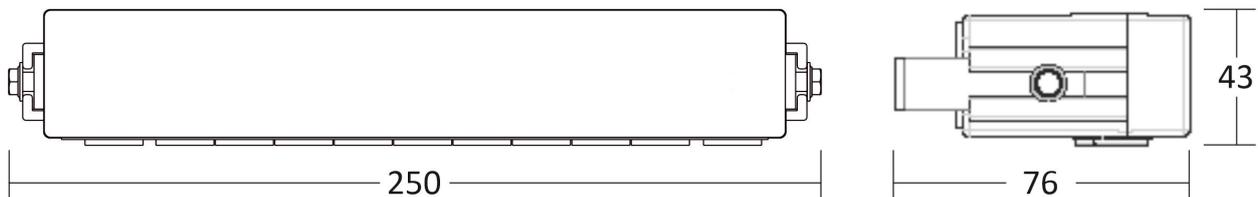The device is used in the control/command of solenoid valves and zone/compartment thermoactuators mounted in the distribution manifolds of radiant heating/cooling systems.
The bar is equipped with 4 relays for the control of four distinct circuits and a fifth relay set up for the ON/OFF control of the boiler or the main circulator or even the servomotor that controls the valve of the apartment's metering module.
An RS485 Bus port allows the bar to be connected to compatible programmable thermostats or to the RTX0801DO wireless module from which it receives circuit activation/deactivation commands from the room thermoregulation system.
The ON/OFF status of the actuators is signalled by five LEDs while two other LEDs locally signal the presence of power and any communication anomalies on the RS485 Bus port.

Important note: this device is part of the CDOM and CRM4.0 Building Automation System, compliant with UNI EN ISO 52120:1, whose certification of the automation level/class must be drawn up by a specific professional figure in compliance with the certification procedures reported in the Technical Specification UNI TS 11651

Dimensioni (mm)

TECHNICAL FEATURES

Power supply: 230 V~ 50/60 Hz, absorption 5.5VA
Insulation type: Class II
Communication: Two-wire RS485 bus
Actuation output type: 4 programmable relays, polarized contacts 230 VAC (NO/NC), 8(2)A rating
                          1 relay for circulator control, potential-free changeover contacts (NO/NC/COM), 8(2)A rating, 250 VAC
Local signals: 7 LEDs for power on, active actuations, and RS485 bus fault
Dimensions: 250x76x43mm
Installation: Wall or box mounting using the included bracket
                  Protection rating: IP52 with rubber cable glands included
                  Compliance: Directive 2014/53/EU (RED)

SPECIFICATION ITEM

Control bar with 4 relays and one auxiliary relay, Perry brand mod. 1PE2BC0400 for the control of five electrical loads (zone controls) with polarized unipolar exchange contacts (NO/NC) and one auxiliary control (circulator or user module valve) with potential-free exchange contact 8(2)A 250Vac (NC/NO/COM); polarized contact rating 8(2)A 250Vac (NA/NC), maximum overall rating 16A; LED indicators for local signaling of the ON/OFF status of the relays; 230Vac power supply, max. absorption 5.5VA; 2-wire RS485 bus line for connection to the RTX0801DO series radio receiver or for direct connection to the CDOM02 or CRM32 or CR052 home automation unit; 18Vac output for radio receiver power supply; IP52 protection rating (using included cable glands); Wall or junction box mounting using included brackets; Dimensions 250x76x43mm.

ACCESSORIES
1PAPPBC01 Cable glands for control bars

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