

RTX0801DO

8-channel wireless transceiver

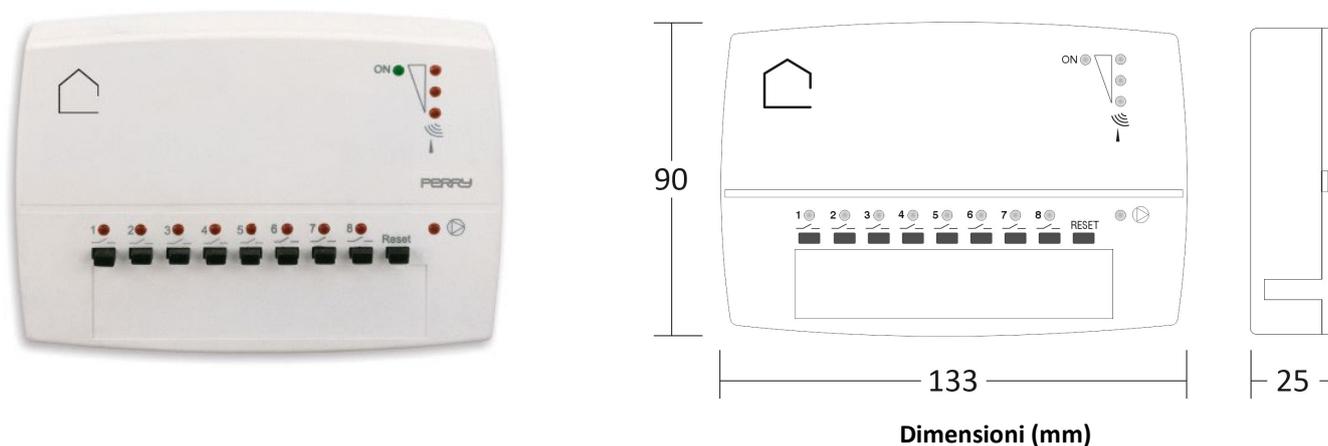
8-channel radio transceiver compatible with room temperature control systems that use CDOM0x, CRM4.0, CR05xWIFI series multimedia programmable thermostats and compatible derivatives.

The module allows radio frequency management of a BC0400/BC0800 series control bar used to control the thermoregulation of radiant heating/cooling systems.

The module, powered at 18Vac directly from the control bar, forwards via RS485 Bus the activation or deactivation commands of the various relays of the bar that controls the different hydronic circuits.

The ON/OFF status of the actuators is indicated by nine LEDs, while nine buttons allow for manual override of the actuators for testing purposes during installation and commissioning. The module is equipped with additional LEDs that locally indicate the presence of power and the radio transceiver signal level.

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



Dimensioni (mm)

TECHNICAL FEATURES

Power supply:	18 VAC supplied directly from the BC0400/BC0800 bar
RF communication:	868 MHz bidirectional, RF transmission power <25 mW e.r.p.
Radio coverage:	30-80 meters, depending on the type of environment
Output type to BC0400/BC0800:	Two-wire RS485 BUS
Local indicators:	7 LEDs for power supply, active actuations, radio signal level
Dimensions:	133x90x25 mm
Installation:	Wall-mounted
Protection rating:	IP30
Compliance:	Directive 2014/53/EU (RED)

SPECIFICATION ITEM

8-channel radio transceiver, Perry brand, model 1PE2RTX0801DO, for controlling electric actuators via BC0400/BC0800 series control bars (models 1PE2BC0400 and 1PE2BC0800 with 2-wire connection); LED indicators and buzzer for local signaling of functional status, buttons for temporary activation/override of relay outputs; Bidirectional RF-868MHz connection with multimedia programmable thermostat; 4-wire RS485 bus line for connection and power supply from the BC0400/BC0800 control bar; IP30 protection rating; Compliant with Directive 2014/53/EU (RED); Wall-mounted, dimensions 133x90x25mm.