

RTX01DO

1 relay wireless transceiver

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

The module is equipped with a relay to which, during the installation configuration phase, using an intuitive APP, it is possible to associate the various functions that the system makes available.

When used as a generic zone/compartment actuation command, it is possible to associate a single zone to the relay to manage the relevant actuations; this function finds application in the control of zone circulators or particular terminals such as electric radiators.

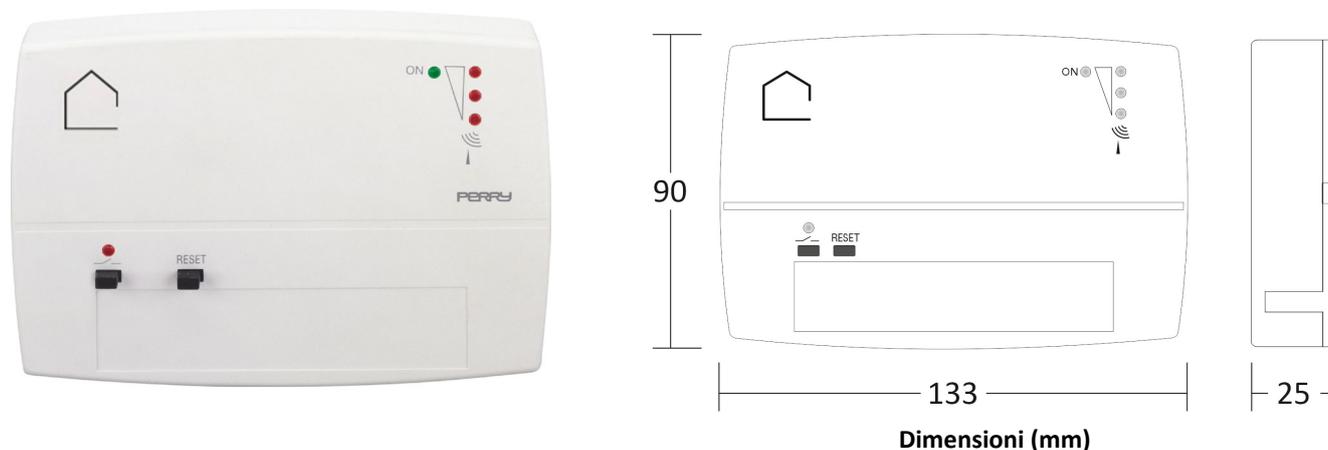
When used as a system pump/circulator control, it is possible to associate up to eight zones to the relay to manage the consequent actuations; this function is used in the ON/OFF control of the boiler and/or the main circulator or even the valve servomotor of the apartment's metering module.

When used as a control for dehumidification units, in applications with radiant cooling, it is possible to associate a single zone with the relay to manage the activation of the dehumidifier when the RXTEUM01 thermo-hygrometer of the zone/compartment detects that the Relative Humidity value set during installation via the APP has been exceeded.

When used as a control for the "BOOST" function to integrate the thermoregulation of the zone/room, it is possible to associate a single zone to activate ventilation units that can help quickly reach comfort conditions when the room temperature is 2°C lower than the required setpoint.

The ON/OFF status of the actuator is indicated by a LED, while two buttons allow for manual override of the actuator 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.



TECHNICAL FEATURES

Power supply:	230 V~ 50/60 Hz, current consumption 2.5 VA;
Insulation type:	Class II
RF communication:	868MHz bidirectional, RF transmission power <25mW e.r.p.
Radio coverage:	30-80 meters, depending on the type of environment
Actuation output type:	1 programmable relay, changeover contacts (NC/NO/COM), rated 5(2)A 250VAC The relay contacts are potential-free
Local indicators:	5 LEDs for power on, actuation active, and radio signal level
Dimensions:	133x90x25mm
Installation:	Wall-mounted
Protection rating:	IP30
Compliance:	Directive 2014/53/EU (RED)

SPECIFICATION ITEM

Perry brand single-channel radio transceiver, model RTX01DO, for controlling an electric actuator via a relay with potential-free changeover contacts (NC/NO/COM) with a rating of 5(2)A at 250Vac.; LED indicators and buzzer for local signaling of functional states, with a button for temporarily activating/forcing the relay output and a reset button.

230Vac power supply, 2.5VA consumption; Bidirectional RF-868MHz connection with multimedia programmable thermostat; IP30 protection rating; Compliant with Directive 2014/53/EU (RED); Wall-mounted, dimensions 133x90x25mm.