

→ PDS 43.091

NRT 405:Fan coil electronic controller**You benefit from an higher energy efficiency**

Preconfigured controller for a quick start-up

Areas of application

Individual temperature control for single rooms, homes and 2- or 4-pipes plants areas for heating, cooling or heating/cooling with output valves control (heating/cooling) and a 3-stages fan.

Features

- Measurement of room temperature through integrated or external temperature sensors
- High user-friendliness thanks to LCD buttons and display
- Modern design

Technical description

- Thermoplastic, flame-retardant, white (RAL 9010) case
- Input for c/o (change over) signal
- Input for window contact or occupancy sensor
- PI-controller with pulse-pause or 3-point output (F901) analogic output (F902)
- Manual and automatic 3-stages fan controller
- Suitable for fitting on the wall, or assembled within a built-in box
- Electric connection through screw clamp terminals for cables up to 2,1 mm²
- Rear cable infeed
- Electronics contained into the clutch case
- Communication via Modbus RTU or BACnet® MS/TP protocol

Product	Control range °C	Operation	Power supply	Weight kg
NRT 405 F901	5...35	2 or 4 Pipes	230 V~	0,18
NRT 405 F902	5...35	2 or 4 Pipes	230 V~	0,18
Power supply	230 V~ ± 10%; 50...60 Hz	Room temperature range.	0...50 °C	
Power	3 W	Storage temperature range.	-20...70 °C	
Digital outputs		Humidity temp. range.	max 90% UR	
Fan	3 Relè 3 A, 230 V~		Without condensation	
Valves F901	2 Triac 300 mA, 230 V~	Weight	0,18 kg	
Valves F902	2 x 0...10 V=; 1 mA	Dimensions (L x H x D)	148 x 124 x 58 mm	
Inputs		Type of protection	IP 20 (installed)	
Digital inputs	Dry contact			
Analogic inputs	Pt1000 instead of inner NTC sensor	LVD Directive 2014/35/EU	EN 60730-1 EN 60730-2-9	
Standard inputs	Pt1000 ; dry contact	EMC Directive 2014/30/EU	EN 61000-6-1 EN 61000-6-3	
Communication		Parameters	Not volatile	
Interface	RS-485	Proportional Band X _p	1...300 K	
Protocol	Modbus RTU BACnet® MS/TP	Integral time	1...1000 s	
		Dead zone N/R	0,1...10 K	
		Type of installation	2- and 4-pipes	

