

Regio Mini – Pre-programmed room controllers

Stand-alone controllers for control of heating and cooling in a single zone or room

The Regio Mini controllers are pre-programmed and can be configured for a specific application via the display or dipswitches (in most cases, though, the default settings can be applied). The controllers have a built-in temperature sensor. Alternatively, an external temperature sensor can be connected.

RC is the basic model in the range. The other models have various functions, indicated by the letters in the product name:

D = Display, F = Fan control (3-speed), H = Hidden setpoint, O = Occupancy button, T = 3-point output



RC-H



RC, RC-T

RC-O,
RC-TORC-DO,
RC-DTO

RC-F



RC-FO



RC-DFO

Technical data	
Supply voltage	18...30 V AC, 50...60 Hz
Power consumption	2.5 VA
Ambient temperature	0...50°C
Storage temperature	-20...+70°C
Built-in temperature sensor	0...50°C NTC linearised 15 kΩ
Accuracy	±0.5°C at 15...30°C
Mounting	Wall
Protection class	IP20
Inputs	
Analogue inputs (AI)	PT1000, 0...50°C
Condensation input (CI)	Input for Regin's condensation detector KG-A/1
Digital inputs (DI)	Closing potential-free contact
Universal inputs (UI)	Analogue input (AI), PT1000 sensor, 0...100°C or digital input (DI)
Outputs	
Digital outputs (DO)	24 V AC, max. 0.5 A.
Universal outputs (UO)	Digital output (DO) 24 V AC, max. 2.0 A or analogue output (AO), 0...10 V DC, max. 5 mA
+C power output for DI only	24 V DC, max. 10 mA, short circuit-protected

Inputs/outputs (I/Os)

Article	AI	DI	UI	DO	UO	Total number of I/Os
RC	1	2	1	1	2	7
RC-O	1	2	1	1	2	7
RC-H	1	2	1	1	2	7
RC-DO	1	2	1	1	2	7
RC-F	1	2	1	4	2	10
RC-FO	1	2	1	4	2	10
RC-DFO	1	2	1	4	2	10
RC-T	1	2	1	5	-	9
RC-TO	1	2	1	5	-	9
RC-DTO	1	2	1	5	-	9



RC-TO is a non-stock item.

Model overview

Article	Occupancy button / Forced ventilation	3-step fan control	Setpoint knob
RC	-	-	X
RC-O	X	-	X
RC-H	-	-	-
RC-DO	X	-	-
RC-F	-	X	X
RC-FO	X	X	X
RC-DFO	X	X	-
RC-T	-	-	X
RC-TO	X	-	X
RC-DTO	X	-	-

Regio accessories

Relay unit for Regio RC-...F... controllers in fan-coil applications



Technical data	
Outputs	Three closing relays, 230 V AC, 4 A
Inputs	Three inputs, 24 V AC, from an RC-...F... unit
Mounting	DIN-rail
Protection class	IP00

Article	Description
RB3	Relay unit for RC-...F... controllers



Power interface for Regio RC-...F... controllers in fan-coil applications

Article	Description
X1178	Power interface for RC-...F... controllers



Service adapter

Article	Description
RC-TEST	Service adapter for Regio Midi units



Condensation detector

Article	Description
KG-A/1	Condensation detector for Regio controllers, 1 m cable length



Connector plates

Article	Description
RC-CONN:10	A set of 10 connector plates for RC units