



RC-H

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, RC-T

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-O, RC-TO

RC-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	Room
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/O:S)

Article	AI	DI	UI	DO	UO	Total number of I/O:s	Note
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 available on request

MODEL OVERVIEW

Article	Occupancy button / Forced ventilation	3-step fan control	Setpoint knob	Hidden setpoint	Output	Display	Note
RC	-	-	X	-	0...10 V DC or on/off	-	
RC-O	X	-	X	-	0...10 V DC or on/off	-	
RC-H	-	-	-	X	0...10 V DC or on/off	-	
RC-DO	X	-	-	-	0...10 V DC or on/off	X	
RC-F	-	X	X	-	0...10 V DC or on/off	-	
RC-FO	X	X	X	-	0...10 V DC or on/off	-	
RC-DFO	X	X	-	-	0...10 V DC or on/off	X	
RC-T	-	-	X	-	3-point	-	
RC-TO	X	-	X	-	3-point	-	
RC-DTO	X	-	-	-	3-point	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	Note
RB3	Relay unit for RC-...F... controllers	



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

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



Service adapter

Article	Description	Note
RC-TEST	Service adapter for Regio Midi units	



Condensation detector

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



RC-CONN:10

Connector plates

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



RCC-CONN:10