

Optigo – Pre-programmed, stand-alone controllers



The controller for simple applications

Optigo is a series of compact, economic and versatile stand-alone controllers. They are pre-programmed and intended for smaller applications. The controllers are extremely easy to install, commission and control.

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Technical data	
Supply voltage	24 V AC ±15 % / OP10-230 : 230 V AC
Power consumption	4 VA
Ambient temperature	0...50°C
Storage temperature	-40...+50°C
Ambient humidity	Max. 90 % RH
Mounting	DIN-rail
Number of modules	7
Protection class	IP20
Display	Backlit LCD, numeric/graphic, language-independent symbols
Dimensions (WxHxD)	123 x 123 x 60 mm
Clock	Week-based 24-hour clock (OP10 only)
Inputs	
Analogue inputs (AI)	PT1000
Digital inputs (DI)	Closing potential-free contact
Universal inputs (UI)	0...10 V DC or digital
Setpoint input (SPI)	For an external PT1000 setpoint device, e.g. TG-R4/PT1000 or TBI-PT1000
Outputs	
Analogue outputs (AO)	0...10 V DC, short-circuit protected
Digital outputs (DO)	OP10 and OP10-230 only. Triac 24 V AC, 0.5 A (3-point control or alarm output) and one change-over relay 230 V AC, 5 A (fan start).

Inputs/Outputs (I/Os)

Article	AI	DI	UI	AO	DO	Total number of I/Os
OP5U	1	1	1	2	0	5
OP10	2	2	1	2	3	10
OP10-230	2	2	1	2	3	10

Article	Supply voltage	Number of I/Os
OP5U	24 V AC ±15 %	5
OP10	24 V AC ±15 %	10
OP10-230	230 V AC	10

Front mounting kit for EXOcompact, Corrigo and Optigo



Mounting kit for easier mounting of EXOcompact, Corrigo and Optigo in a control panel or cabinet door.

Technical data	
Protection class	IP40

Article	Description
FMCE	Front mounting kit, room for one EXOcompact/Corrigo unit
FMCO	Front mounting kit, room for one Optigo unit

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Plug-in terminal blocks for EXOcompact, Corrigo and Optigo

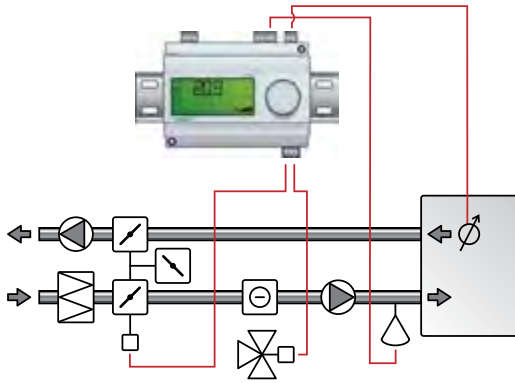


A set of angled plug-in terminal blocks for simple wiring of EXOcompact, Corrigo and Optigo when using the front mounting kits FMCE and FMCO. The terminal blocks enable easy access to the clamping screws even after cabinet mounting.

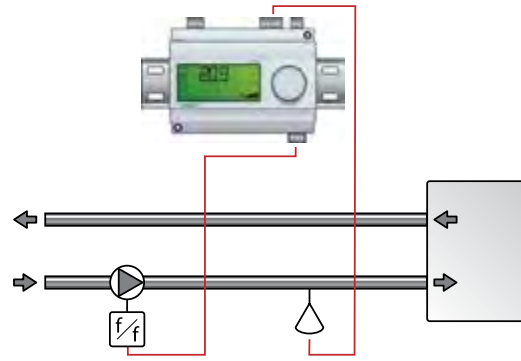
Article	Description
PLTCE	Plug-in terminal blocks for EXOcompact/Optigo/Corrigo

Optigo applications

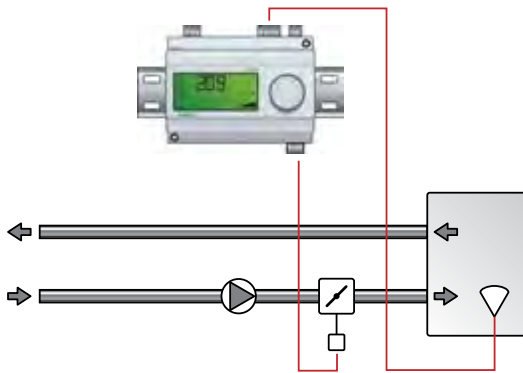
Applications Optigo OP5U



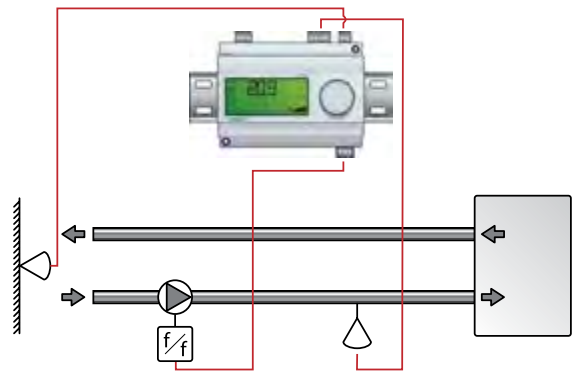
Temperature control



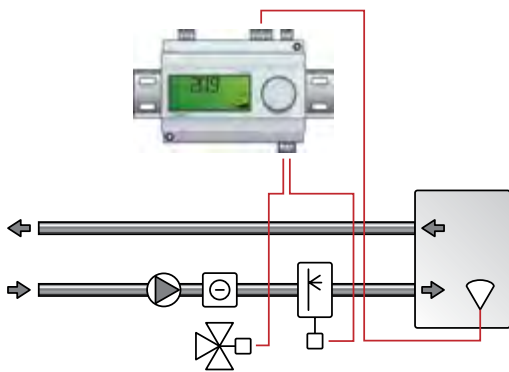
Pressure control



CO₂ control

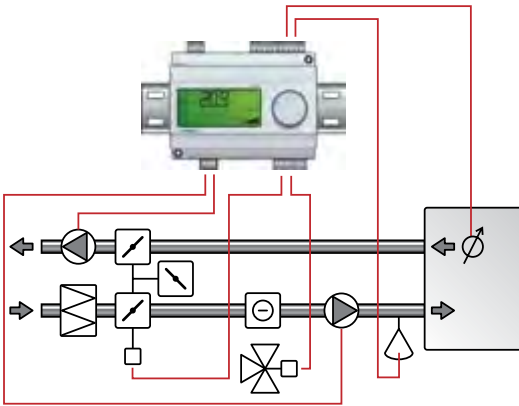


Pressure control with outdoor compensation

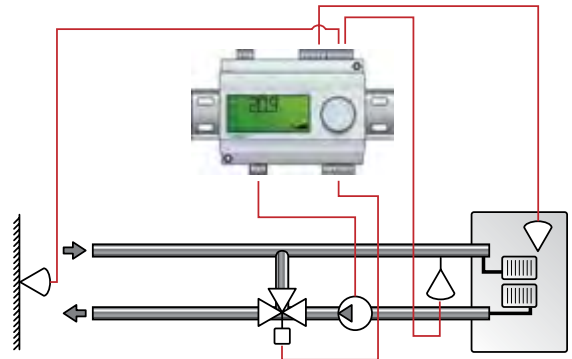


General control (humidity, CO, etc.)

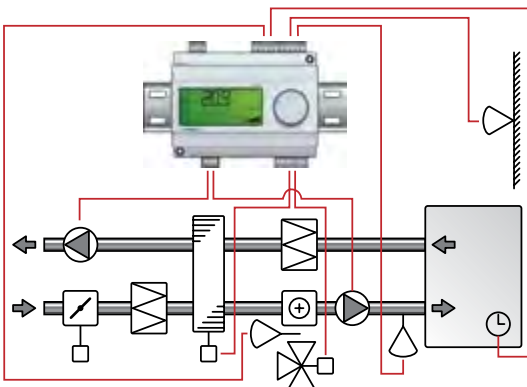
Applications Optigo OP10



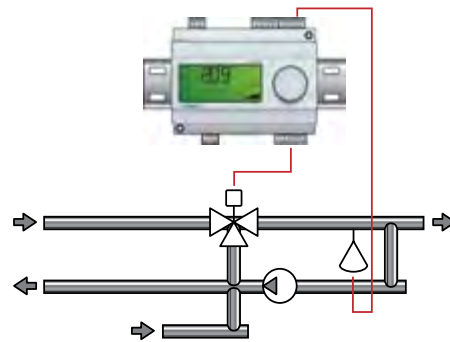
Supply air temperature control



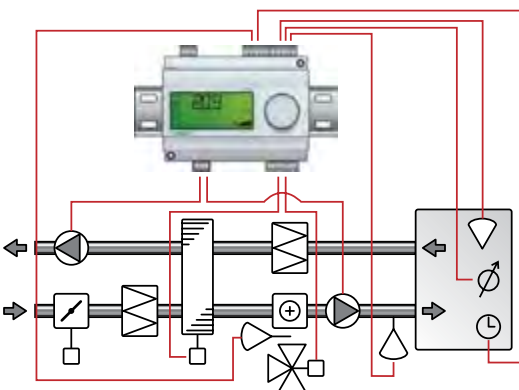
Radiator circuit control with outdoor curve



Supply air temperature control with outdoor compensation



Domestic hot water control



Cascade connected, room temperature influenced supply air control