SERIAL SOLUTION

TWO WIRE SYSTEM

ECOSERIAL 1

Only one controller and two wires to command up to 312 valves.

ECOSERIAL-1 is an economizer with built-in differential pressure gauge, able to control up to 26 modules Remote Pilot Box/Bi-directional (RPBid) or Remote Pilot Box 612 (RPB612).
The state, functions and alarms are displayed by the lighting of LEDs on the front panel of the instrument.
The device is completely programmable and it communicates, through patent system, with a the units RPBid and RPB612.
ECOSERIAL-1 is able to recognize the presence of the outgoing general charge and to control the charge on every single cleaning valve.
The instrument, properly connected to a dust meter, is able to detect the broken sleeves in the cleaning filter and to visualize the number of the valve corresponding to the range of the sleeves, which caused the peak of dust's alarm.
Each model is supplied in polycarbonate enclosures with transparent lids and IP56 protection rating.
There are 2 relay free contact and 2 opto-isolated inputs. On demand, the instrument can be equipped with a 4-20mA or serial RS 485 outputs, ro communicate with PCs or PLCs.

3 WARRANTY YEARS

PRODUCT CERTIFICATIONS

STANDARD

CE

OPZIONALI

TECHNICAL SPECIFICATIONS

Main Features	Features	Values
Dimensions	External Dimensions (L x H x W mm)	250x217x105
	Weight (kg)	1,59
Protection	Protection Level (standard)	IP56
Temperature	Working Temperature (°C)	-10... +50
Power Supply	Power Supply Range (standard)	24Vac/115Vac/230Vac 50-60Hz
	Power Consumption	40W

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TECHNICAL SPECIFICATIONS

Main Features	Features	Values
Display	Display Type	7-segment display
	Resolution	3 digit
	Display Color (standard)	Red
Inputs	Digital Inputs (nr)	2 opto-isolated inputs
	Pressure Input	ok
	Pressure Range	-99/+999dPa, -99/+999mmH2O, -9.9/+99.9mBar, -0.99/+9.99kPa, -7.5/+75.0mmHg
Outputs	Relay Outputs (nr)	2
	Relay Output Power	1 10A/250Vac and 1 10A/30Vdc
	4-20mA Output	optional
Functions	Cyclic Management	ok
	Delta Pressure Management	ok
	Customizing Cycles	ok
	Precoating	ok
	Post-cleaning	ok
	Cleaning cycle	ok (standard)
	Pressure Tank Control	ok
System	Maximum Driver Managed	26 RPB
	Type	MASTER
	Type of driver connectable	RPB
	Type of control driver	BUS
Controls	Buttons (nr)	3
Application	Type	Regular Small and Medium size dust collectors

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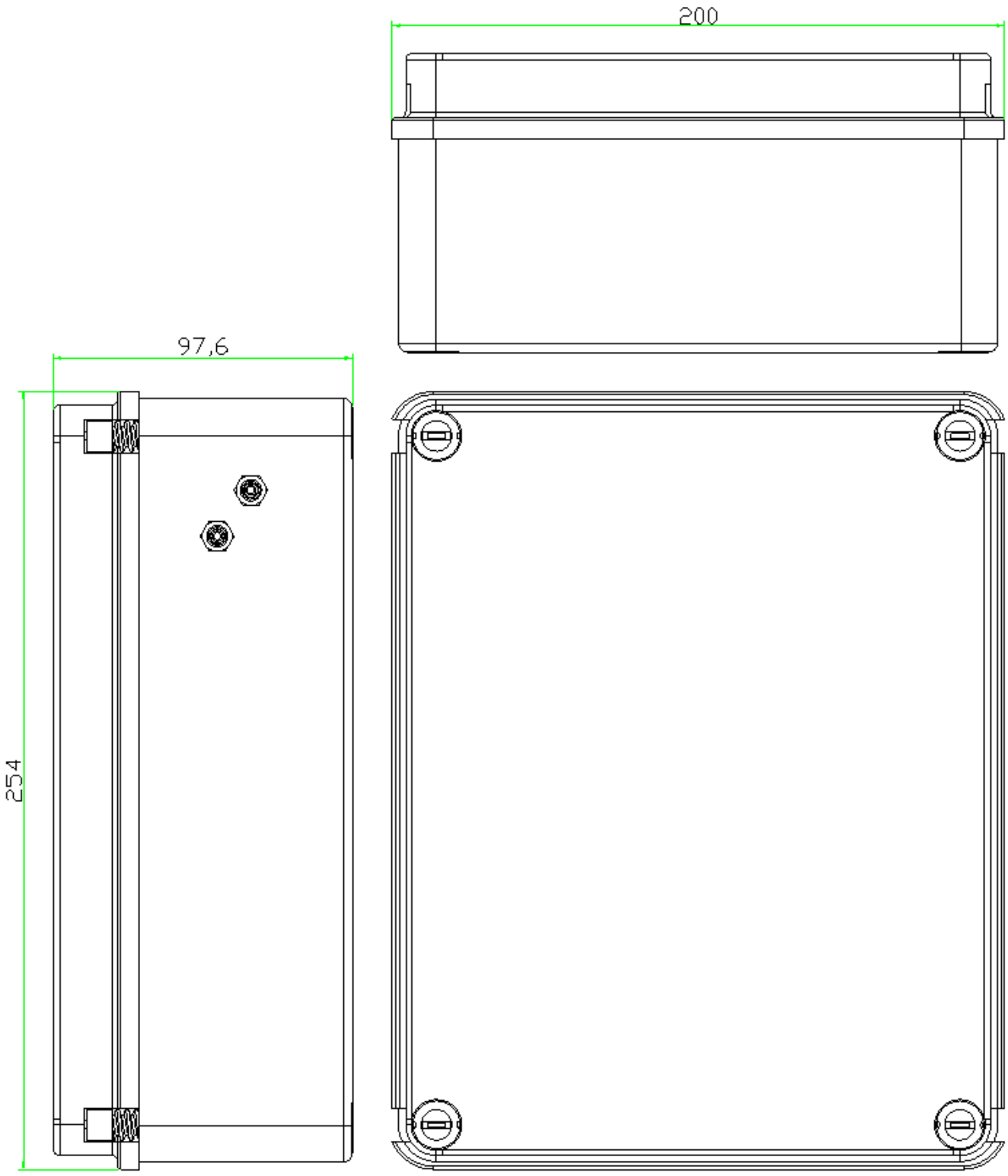
DIMENSIONAL LAY-OUT



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