

Instruction

Electronic speed controller

Dear Customer!

Thank you for choosing our product. We are sure that it will fulfil all your expectations. We wish you satisfaction from your choice of the product and its usage.

Attention

Cut off the power supply in the electrical installation before the connection.

Speed regulators are used to control the rotational speed of single-phase electric motors only, in which it is possible to regulate the speed by changing the voltage. Several devices can be connected to one controller, provided that their sum does not exceed the maximum load of the controller.

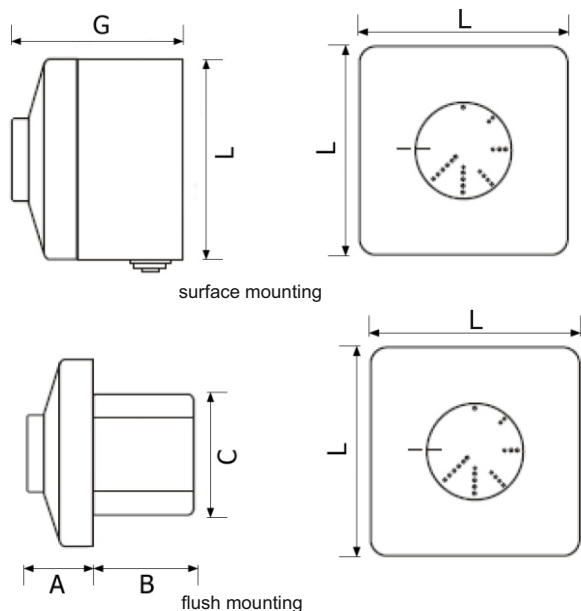
Technical data

CODE	NAME	MAX. CURRENT	FUSE	VOLTAGE	WEIGHT
01-290	aRo 100	0.1 - 1.0 A	F1.25 A-H	230V/50Hz	0,36 kg
01-291	aRo 400	0.4 - 4.0 A	F5.0 A-H	230V/50Hz	0,36 kg

INGRESS PROTECTION IP44/IP54

The product is under warranty for 2 years from the invoice date. Any modifications and changes made to the product release the manufacturer from responsibility. The controller does not require special maintenance. The housing can be cleaned with a moist cloth, please be careful not to flood the controller with any fluids. In case of flooding, connect it only after it is completely dry.

Dimensions



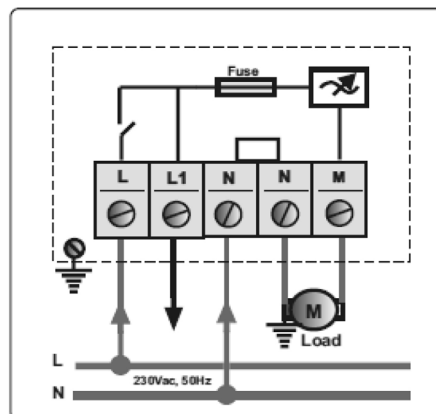
A	B	C	G	L
23	32	52	60	82

Installation and connection

First disconnect the mains power. Pull the knob perpendicularly from the controller, then remove the nut and the front to gain access to the controller. The controller should be connected in accordance with the wiring diagram delivered with the controller and markings on the terminals. When all controller wiring is complete, check that connections have been made to the correct terminals and that all connections are secure. Turn on main voltage and controller. Set the minimum speed and turn off the regulator. Attach the cover with the nut to the housing and then fix it to the wall. Push the dial back into the Off position. If necessary, drill a 5 mm diameter drain hole in the bottom of the Surface Mount housing to drain the condensate.

Modification and disassembly: Remove the knob, nut, and cover. Replace the fuse, remembering that only 5x20mm ceramic quick acting fuses should be used. Put the pieces back in place. The use of the wrong fuse will void the warranty.

Wiring diagram



L - Power supply phase

L₁ - No regulated output 230 V or as inlet to controller without bypassing breaker from overheating

N - 0 neutral

M - regulated output for the motor

F - 5x20 mm<bezpiecznik>

No regulated output 230 V or as inlet to controller without bypassing breaker from overheating

Attention

After the operating period the device should be utilised in accordance with selective disposal of electrical and electronic equipment waste.



Guarantee no: _____

Date of report	Date of repair	Scope of repair	Signature

Model Serial number: Date of sale: Receipt number: <div style="border: 1px solid black; padding: 5px; text-align: center;">sallers stamp</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">date _____</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Service stamp</div>	Model Serial number: Date of sale: Receipt number: <div style="border: 1px solid black; padding: 5px; text-align: center;">sallers stamp</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">date _____</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Service stamp</div>	Model Serial number: Date of sale: Receipt number: <div style="border: 1px solid black; padding: 5px; text-align: center;">sallers stamp</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">date _____</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Service stamp</div>
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2 year guarantee