

MOTOR SPEED REGULATOR ED-3

Product Description-Function

The surface mounting dimmer ED-3 is a 230V a.c./50Hz motor speed regulator, specifically designed to control asynchronous single-phase motors, operating approximately at 50-100% of rated speed. It is suitable for controlling motors in ventilation installations, up to 2500W.

The dimmer has a potentiometer that allows to adjust the speed to the desired point, starting from a lower preset limit to the maximum.

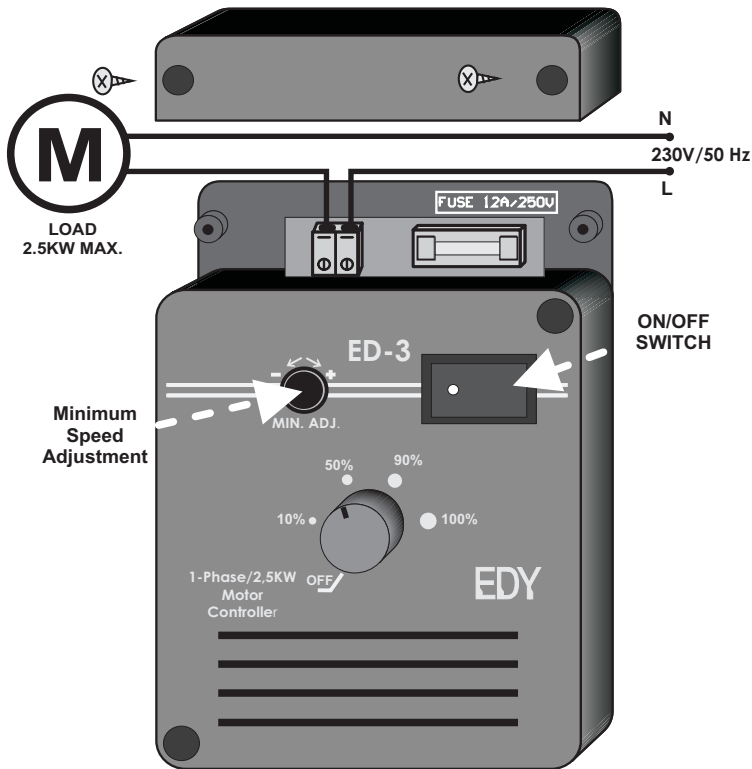
It also has an ON/OFF rocker switch for turning the load ON or OFF.

In order to avoid overheating and damage, it is necessary to control the lower speed of the electric motor .

The lower speed limit shall be adjusted with the trimmer provided by the device as follows:

Set the main potentiometer to the minimum, adjust the trimmer with the help of a small screwdriver, turn it to the right, until the point that the engine starts. The dimmer adjusts now the engine speed from the lower speed limit to the maximum.

The dimmer is in conformity with provisions of directives and international standards EN 60669- 1: 2000, EN 60669-2-1 : 2002 2014/35/EU, 2014/30/EU



Connection

The device must be connected by a qualified technician.

Remove the protective cover and connect the 230V power supply and the load to the connecting terminals. After connecting, the protective cover must be repositioned.

Precautions

The device must be placed in a location with difficult access for children. It must be secured indoors, protected from excessive moisture (vapors) and heat (radiators). The ventilation slots of the device must remain uncovered.

CAUTION: The switch does not isolate the power line, only the drive circuit.

Technical specifications

Operating voltage	230 Volts a.c. / 50Hz
Load	up to 2500 W
Protection from short circuit / overload	Glass fuse 5x20mm 12A / 250V
Operating temperature	-10 °C to +60 °C
Maximum humidity	95 %
Constraction material	ABS
Dimentions	120mm x 85mm x 35mm



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Made in Greece

The company reserves the right to change the features for the purpose of improving the product.