

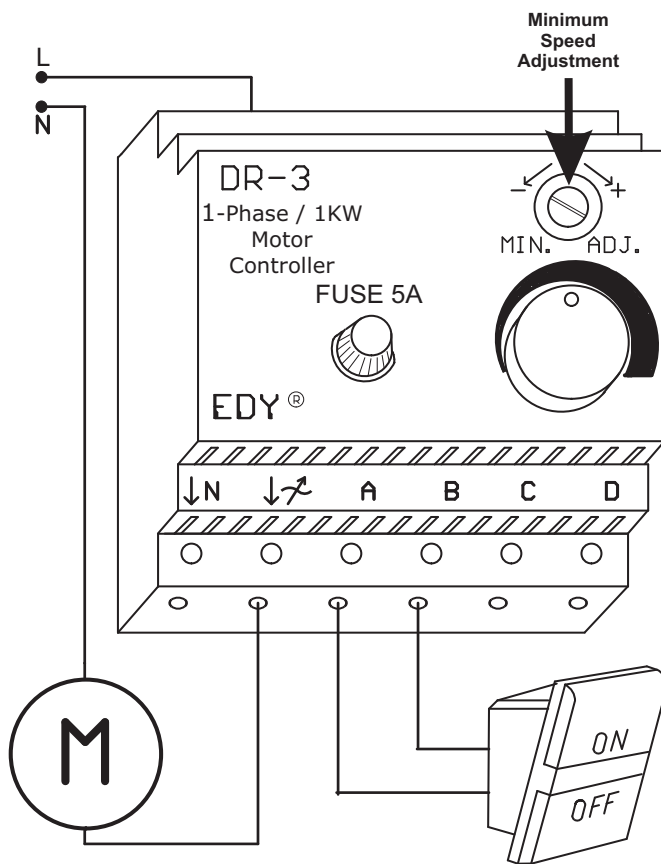
# Rail Mounting Motor Speed Regulator DR-3

## Product Description-Function

The rail mounting dimmer DR-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 1000W.

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

It is possible to connect an ON-OFF external switch, to turn ON or OFF the load.

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

## Set up

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.

## Technical specifications

Operating voltage	230 Volts a.c. / 50Hz
Load	up to 1000 W
Protection from short circuit / overload	Glass fuse 5x20mm 5A / 250V
Operating temperature	-10 °C to +60 °C
Maximum humidity	95 %
Constraction material	ABS



IP 20



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

Made in **Greece**