

TFSC
AC FAN CONTROLLER
AUTOMATIC

DATASHEET-
OPERATIONAL GUIDE.

En-GB
METRIC.
A Series

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The controller is designed/programmed to modulate the single-phase AC fan speed based on the 0-10V/0-5V input signal. Based on input signal output fan speed can be controlled by regulating voltage 80-240V. With respect to fan amp rating different range of controller are available starting from 4 Amps to 16 Amps

Key feature

- Auto control of AC fan based on 0-10V input/0-5V input
- Panel Mounting
- Compact in size with heat dissipation surface sink
- Minimum restriction to 80V to protect AC motor

Technical parameters

- Supply input: 230V AC, 50-60 Hz
- Temperature range :0-99 degree C
- Max load suitable based on different model: 2 Amp /4 Amp /8Amp /12 Amp/16 Amp
- Indoor use only
- Input: 0-10V or 0-5V based on different model

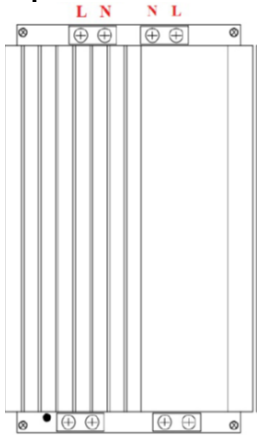
Wiring Connection

Input to fan	Supply Input	Signal Input	Signal output
Fan L	Main L	+10 V	+10V
Fan N	Main N	GND	GND

Dimension Details

L in mm	W in mm	H in mm
160	100	70

Operation Instruction:



There is INPUT and output port given on both side

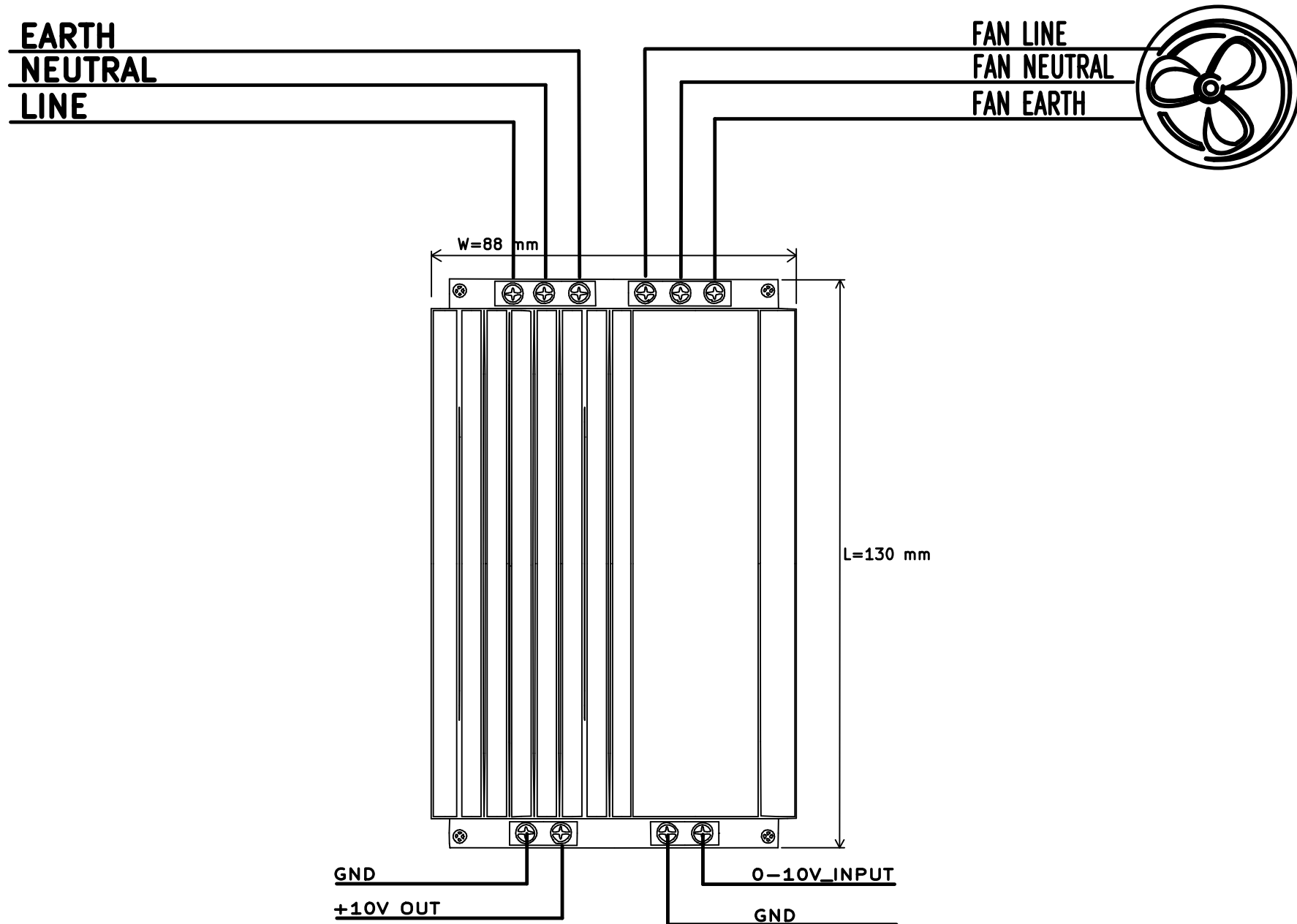
Side one (upper side) is given with Input Voltage of 240 V and on the same side there is output for AC FAN which is controlled based on 0-10V input from other side.

On the other side there is input for control signal 0-10V along with output 0-10V



Connection Diagram: FAN SPEED CONTROLLER V_1.2

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info@transmonk.in