

INSTALLATION AND OPERATING INSTRUCTIONS FOR FAN SPEED CONTROLLER EFSC10-TK

Specification

Model no.	Electrical supply	Max rating	Dimensions (H x W x D)	Mounting
EFSC10-TK	230v 1Ph 50Hz	10 Amps	188mm x 119mm x 57mm	Surface

Installation

1. Check that the speed controller supplied is compatible with the fan.
 2. Install in a dry sheltered position. Do not install in close proximity to a heat source.
 3. Remove the front cover of the controller by unscrewing the fascia fixing screws. This provides access to mounting holes and electrical terminals.
- All wiring must be carried out by a suitably qualified and competent person and comply with current applicable regulations

Operation

Switch on the controller by operating the ON/OFF switch.

The power light and trip light will be illuminated

Press the RESET switch

The fan will start and rotating the control knob clockwise will increase the speed of the fan from the pre-set minimum to full speed.

Minimum speed adjustment

On certain fans the factory set minimum pre-set may need adjusting. This can be achieved by rotating the minimum trimmer inside the speed controller clockwise to increase the minimum level

Maximum speed adjustment

This can be achieved by rotating the maximum trimmer inside the speed controller anti-clockwise to decrease the maximum level.

In the event of the motor overheating the motor protection thermal contacts will open (indicated by the TRIP light illuminating) and the fan will stop. The controller can only be reset once the motor has cooled down and the thermal contacts re-closed

Warning

Installation of the controller and adjustment of the internal minimum and maximum trimmers should be carried out with the electrical supply isolated

Wiring diagram

Wiring diagram

- L: Live in
- N: Neutral in
- E: Earth
- U1: Controlled live out to fan run winding
- U2: Neutral out to fan
- AUX: Maintained live out
- TK: Motor thermal contact connections

