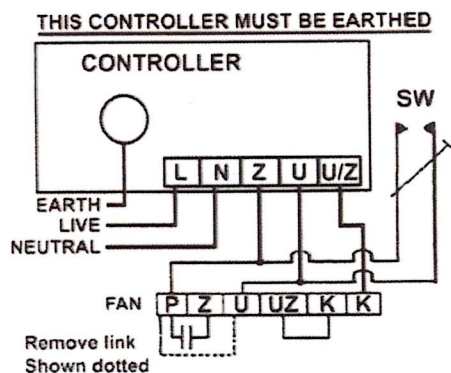


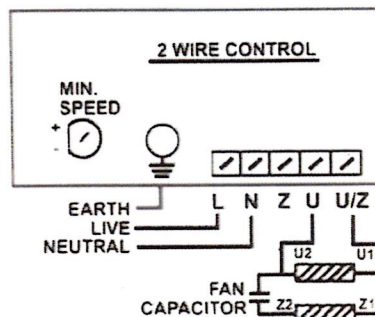
Fan Speed Controller, 230Vac 50/60Hz Single Phase, 6A Maximum Current

INSTRUCTION SHEET

WIRING



If terminal protection not fitted,
connect UZ controller to UZ fan.



General danger Electrical hazard

All works should be carried out by a professional with all local and relevant regulations followed. To be wired **ONLY** after the fan speed controller is completely isolated from the mains. Replacement fuse must be same type and rating.

Installation

- Check that the number, size and speed of the fans can safely be controlled by this controller.
- Install in a dry sheltered position. Leave an air space of no less than 15cm around the controller to ensure adequate ventilation. Do not install in close proximity to other heat sources. Maximum ambient temperature must not exceed 40°C.
- Remove front cover of the controller by removing the fixing screws. This provides access to the mounting holes and terminals. If multiple fans need to be controlled, a junction box can be used to parallel the various connections.
- An external thermostat or switch may be fitted to enable the fan to run at a pre-set speed adjusted by the controller and maximum speed set by temperature according to the thermostat. Connect the thermostat contacts or switch to the U and Z of the controller, as shown in the circuit diagram.
- Should the current rating of the fuse in the controller exceed that of the wiring of the fans, individual fan protection should be provided. If overload protection for each fan is to be used, then this should be situated in each common line (UZ) only.

Operation

- The controllers have separate ON/OFF switches. Rotating the control knob clockwise will increase the speed of the fans.
- Replacement fuses should be, or be similar to, Cermaic 32mm 10amp (F).

Use with ILC Fans

For use with ILC fans, the controller must be used as a two-wire regulator and connected as follows: Connect UZ to fan Live (U1), and controller U to fan neutral (U2). Please note that the controller terminal Z is unused. The fan must be earthed.

APPLICATION

Controller for powering and adjusting speed of commercial fans (kitchen).

Part Number
FSC-6A

SPECIFICATIONS

Operational Voltage: 230Vac
50/60Hz
6A Max Current