

BURST FIRING TRIGGER MODULES

BFTM-1
BFTM-3
X10642

INTRODUCTION

The BFTM-1 and BFTM-3 single and three phase burst firing trigger modules designed to drive our full range of thyristors and triacs. The BFTM-1 is a single phase or 2-wire format capability where as the BFTM-3 has a one-phase supply controlling three phase loads in star or delta configurations.

The control input signal is internally isolated and will accept either a DC signal or potentiometer. Proportional output control is indicated by a flashing LED. The module is designed for mounting on either standard or top hat profile or G profile DIN rail. External connections are via screw terminals, which together with the fuses are accessible from the front.

APPLICATIONS

Virtually all resistance heaters including ovens, electric furnaces, moulders, dryers, smelters, heating tapes, stress relieving, space heating and heating mantles. This is unsuitable for use on inductive loads.

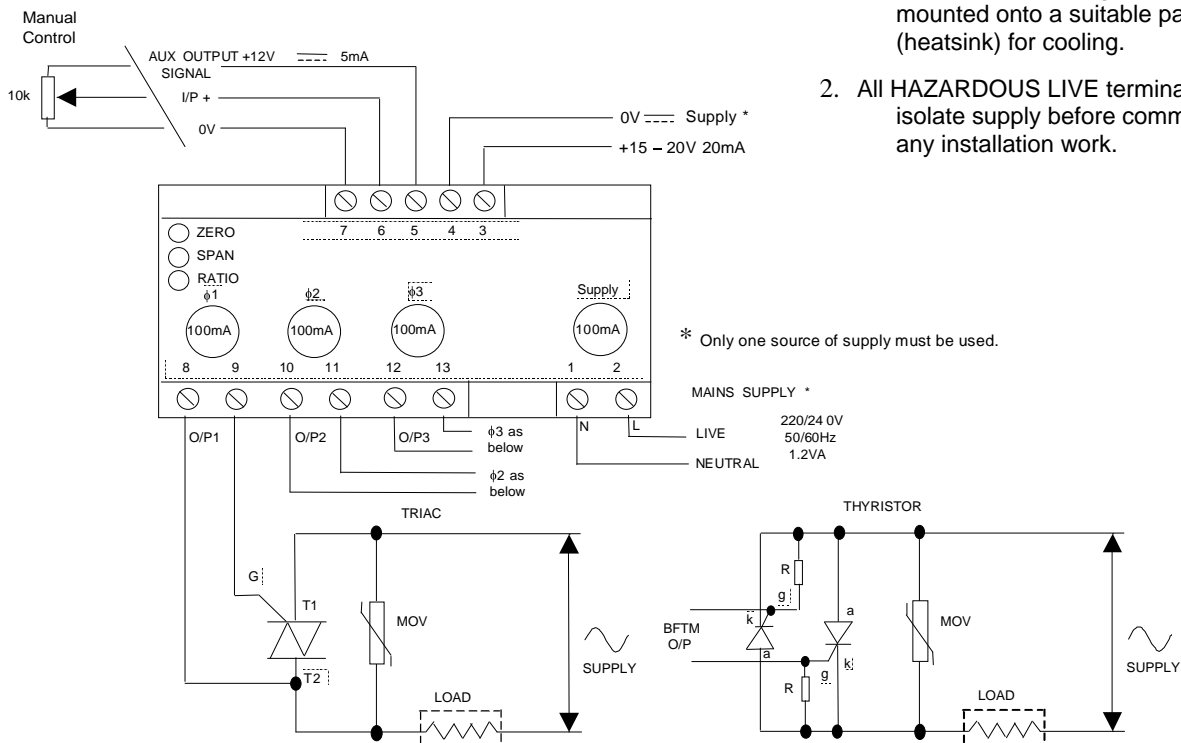
MAIN FEATURES

- 1 sec. cycle time Zero voltage switching
- Burst fire control
- Opto isolated outputs
- LED output control indicators
- DIN rail mounting (both types)
- Input control signal accepts DC signal, or potentiometer



INSTALLATION

Connections



WARNING

1. This unit requires fusing and must be mounted onto a suitable panel (heatsink) for cooling.
2. All HAZARDOUS LIVE terminals - isolate supply before commencing any installation work.

