



# MULTI-MODE MAINS CONTROLLER BURST FIRED OR PHASE ANGLE

**MPC34A**

X10641

## INTRODUCTION

The MPC34A provides accurate and precise mains control in both burst fire or phase angle control modes of operation. This printed circuit board firing circuit is capable of driving an external triac or thyristor pair power devices for any load rating. Additional features also include a 5V power reference for external use, non committed comparator or amplifier, an auxiliary output for driving contactors and an industry standard selection of signal control options for local or remote supply signals.

## 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

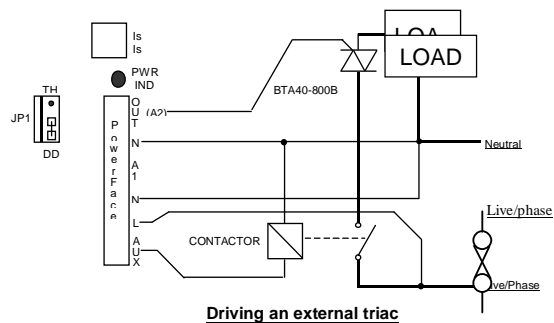
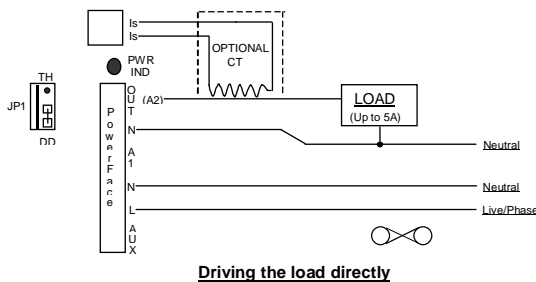
RoHS Compliant

- – Dual mode control capability.  
(phase angle or burst fire)
- Soft start delay function
- Output overload protection
- Output over temperature protection
- Adjustable time base in burst fire mode
- 5kV input and supply isolation



## INSTALLATION

### Connections



## WARNING

1. This unit requires fusing.
2. All HAZARDOUS LIVE terminals - isolate supply before commencing any installation work.

