



MULTI-MODE MAINS MODULE BURST FIRED OR PHASE ANGLE

ZAX27A
X10646

INTRODUCTION

The ZAX27A 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 an uncommitted op-amp, which may be used as an error amplifier or comparator for closed-loop (feedback) control,

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

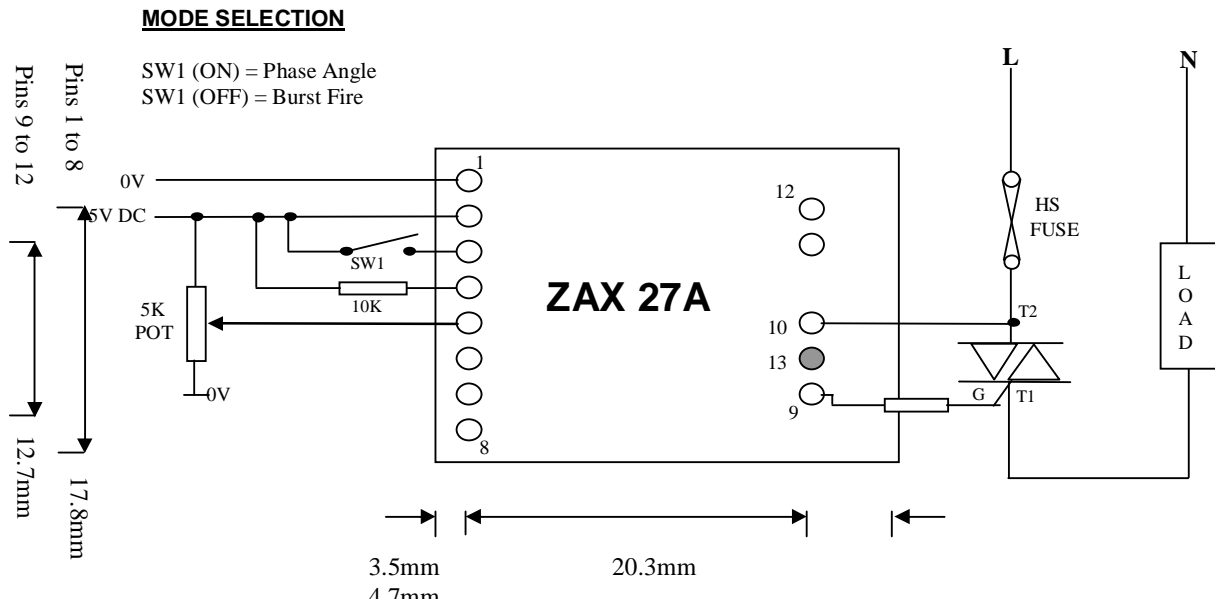
- Dual mode control capability (phase-angle or burst-fire).
- Soft start delay function.
- Output overload and temperature protection .
- Current limit.
- Microprocessor control compatibility.
- 5kV input and supply isolation.
- Suitable for slave firing triacs or SCR pairs.

RoHS Compliant



INSTALLATION & DIMENSIONS

Connections Shown For Manual Control



WARNING

1. This unit requires fusing. This should be a fast acting semiconductor-type (FF5A) fuse placed in series with the 'LIVE' (240V input) supply lead.
2. All HAZARDOUS LIVE terminals - isolate supply before commencing any installation work.

