SPECIFICATIONS

I2t for fusing 10ms 250 A²s Min line voltage 5V ac 1200V ac 440V ac Max transient over volts Max line voltage Max electrical isolation 3500V Control signals 0-5V dc & 4-20mA 12 watts 50 to 60 Hz +/- 5% Power consumption Operating frequency Max load current @ 65°C 25A Supply voltage 10-18V ac Min load current @ 65°C 0 05A 250A Peak one cycle surge Man. control potentiometer 5K Max operating temp 0°C to 65°C M4 X 10mm -20°C to +85°C Power Terminals Max operating temp

FUSING
It is recommended to use semiconductor fast acting type fuses or circuit breakers (Semiconductor-MCB) for unlt/device protection. On initial "switch on some loads may need an increased Factor of Safety (F of S) for unit and/or device protection.
(See the SRA Datasheet for further information).

CE MARKING
This product family carries a "CE marking". These phase angle controllers need a suitable remote filter For information see recommendation section and contact our sales desk (See the Declaration of Conformity).

RECOMMENDATION

RECOMMENDATION
Other documents available on request, which may be appropriate for your applications
CODE IDENTITY DESCRIPTION
X10229 RFI
X10229 RFI
X10245 SRA Safety requirements - addressing EMC directive.
X10255 INDEX SAFET SA

ORDER CODE:

State part number: Stom1

Optional extras include: Potentiometer Supply Transformer Heatsink compound Filter



UNITED AUTOMATION LIMITED

1Southport Business Park Kew Southport, PR8 4HQ ENGLAND

Tel: 0044 (0) 1704 – 516500 Main Tel: 0044 (0) 1704 – 516516 Sales Fax: 0044 (0) 1704 – 516501 Enquiry@united-automation.com www.united-automation.com Date 26/06/01





MICROPROCESSOR BASED

25A AC POWER CONTROLLER

STOM1

X10223

DESCRIPTION

The STOMI is a microprocessor based power controller, with a built in power device that is capable of controlling up to 25A at voltages up to 440V ac. The STOMI has two types of power control, Phase Angle and Burst Firing, either can be selected separately. The module can also be used for soft starting in Phase Angle mode and it will automatically switch to bust Fire mode when the control signal has reached a preset level. The control will remain in the Burst Fire State switch to several the start fire State such as the start fire State start fire state such as the start fire state start fire state start fire state start fire start fire

APPLICATIONS
Suitable for most resistive loads including ovens, moulders, and divers with current ratings up to 25A when fitted onto a suitable heatink (1 3°CAW). Ideal for unusual heating loads which have very low resistance when cold

FEATURES

Energy saving Simple wiring Isolated inputs Soft start facility Standard 80mm fixing Rugged and compact

Phase angle or Burst firing Solid state reliability Integrated Power Device





