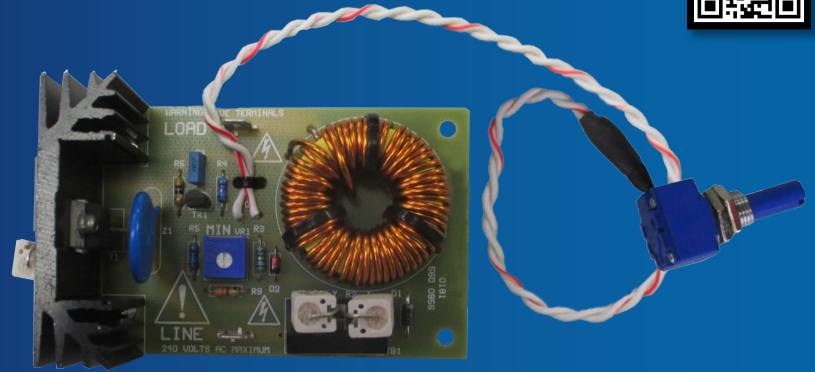


X10345

HALF WAVE VIBRATOR CONTROLLER | SINGLE PHASE

UV6/D

110v, 230v



CONTACT US:

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KEY FEATURES:

- ✓ **Solid-State Reliability:** Ensures long-lasting, dependable performance.
- ✓ **Dual Voltage Compatibility:** Operates on both 110V and 240V AC supplies.
- ✓ **Simple Wiring:** Easy 2-wire connection plus Earth for hassle-free installation.
- ✓ **Adjustable Minimum Output:** Fine-tune the output to meet specific requirements.
- ✓ **Energy Saving:** Efficient design to reduce energy consumption.

APPLICATIONS:

Ideal for controlling **vibrator coils**, the UV6D offers precise and reliable control in various industrial applications.

The **UV6D** is a single-phase half wave controller designed with an integral 10A device, capable of operating on both 110V and 240V inputs. With its straightforward 2-wire connection plus Earth, this PCB is engineered for easy installation. The output is adjustable using a 25K potentiometer, with a cermet on the PCB to fine-tune minimum settings as needed.

The **UV6D Half Wave Controller** PCB is designed for those who demand robust, reliable, and efficient control for their industrial applications, particularly in managing the operation of vibrator coils.

TECHNICAL SPECIFICATIONS

Supply	110 or 230V AC ± 10% @ 50/60Hz
Unit RMS Current Rating	6A
Peak Single Cycle Surge Current	100A
Thyristor Limiting RMS Current	10A
L²t for Fusing	18A ² s
Maximum Peak Voltage	600V
Minimum Operating Current	200mA
Storage Temperature Range	0-85°C
Operating Temperature	0-65°C



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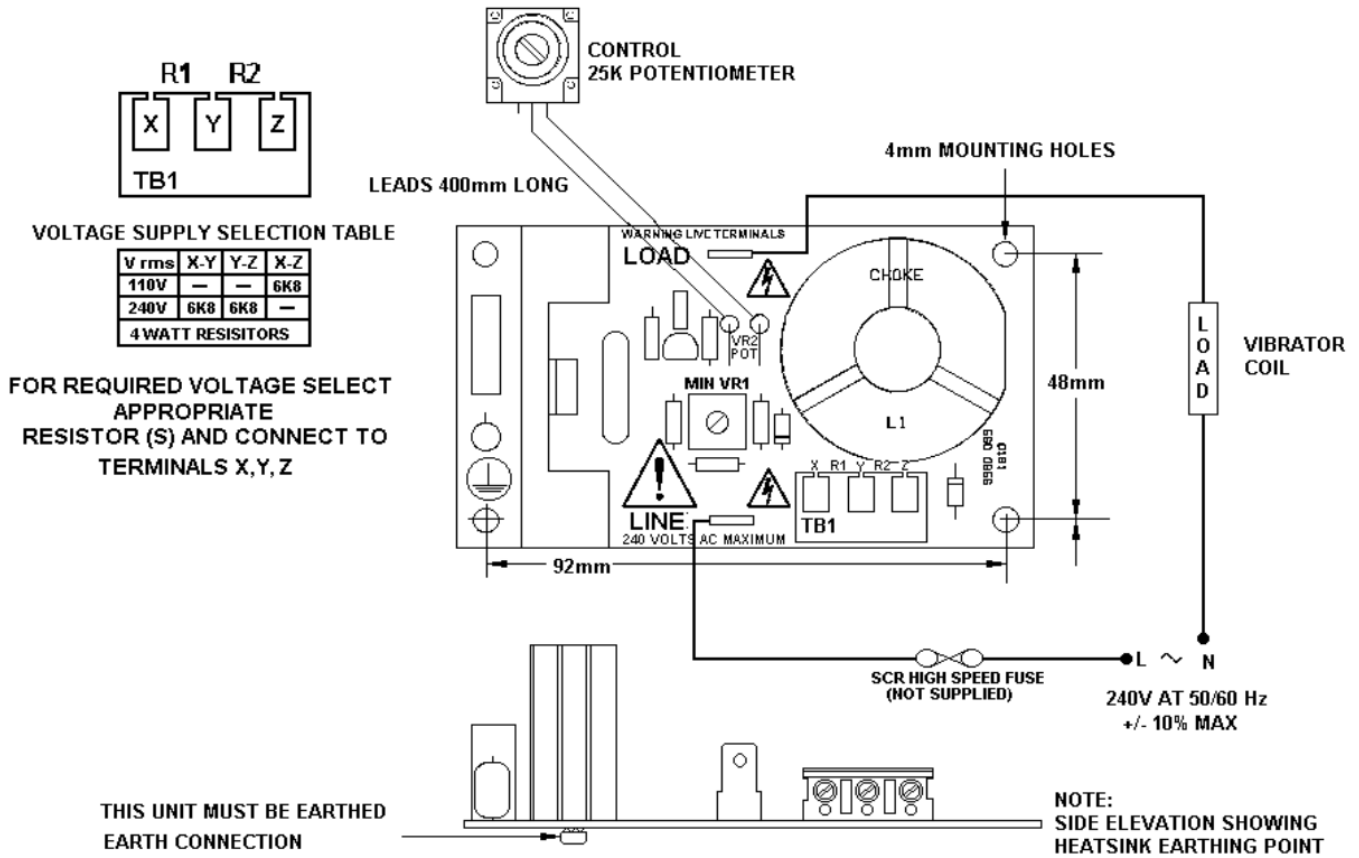
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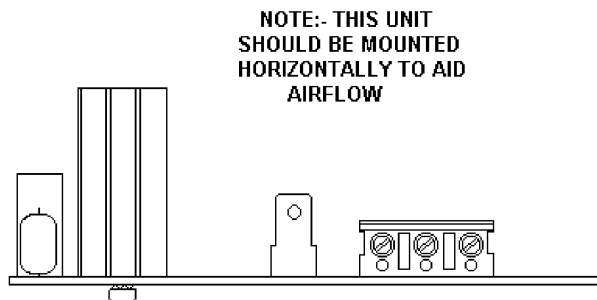
UV6/D

110v, 230v

INSTALLATION



COOLING REQUIREMENTS



UV6/D

110v, 230v

RECOMMENDATIONS

FUSING

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

CE Marking

This product family carries a "CE" marking. These burst firing type controllers do not require a filter. For information see recommendation section and contact our sales desk. See the Declaration of Conformity.

DOCUMENTS

Other documents available on request, which may be appropriate for your application:

Code	Identity	Description
X10229	RFI	Filtering Recommendations: Addressing the EMC Directive
X10213	ITA	Interaction: Uses for phase angle and for burst fire control
X10255	SRA	Safety Requirements: Addressing the Low Voltage Directive (LVD) including, Thermal Data/Cooling, Live Parts Warning, Earthing Requirements and Fusing Recommendations
P01.1	COS	UAL Conditions of Sale

It is recommended that installation and maintenance of this equipment should be done with reference to the current edition of the I.E.T. regulations (BS7671) by suitably qualified/trained personnel. The regulations contain important requirements regarding the safety of electrical equipment. For International standards refer STANDARDS on D of C.

PRODUCT CODE AND RELATED PRODUCT CODE

Product Code	Product Description
A52225	UV6/D



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