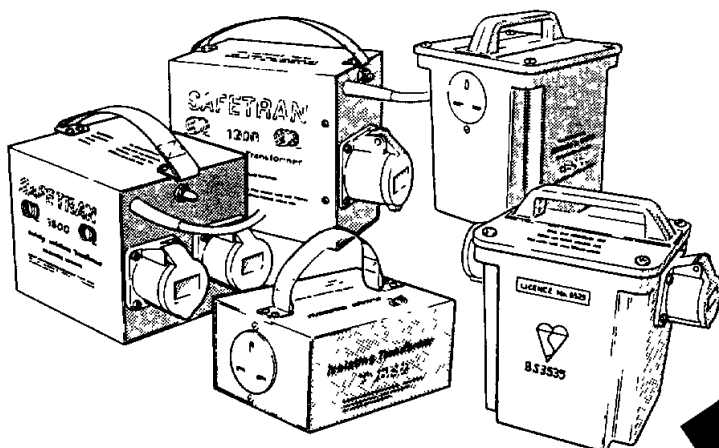


101-729



TRANSFORMERS

## PORTABLE ISOLATION TRANSFORMERS

Safetran™ BS 3535, 110V Secondary  
Portable Isolating Transformers

24V Secondary Portable Isolating  
Transformers

1:1 Ratio 240V Portable Isolating  
Transformers

110V Primary / 240V Secondary  
Portable Isolating Transformers

Kitemarked BS3535, Centre Tapped  
110V Secondary Portable Isolating  
Transformers

Mains Isolation Transformers

► A comprehensive range of portable isolating transformers and mains isolation transformers. The range covers the demands of the Health and Safety requirements for Industry.

► Comprehensive ranges to cover almost every requirement.

► Quality constructions to British Standards.

► Portable transformers made to withstand the rigours of everyday use.

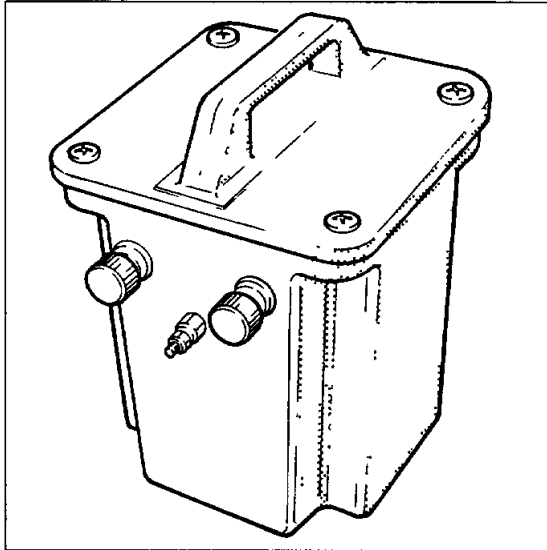
► Genuine 30 minute tool rating.



Models Kitemarked for your confidence and quality assurance.



**Farnell**  
WINDINGS



## 600VA, 24V Secondary Portable Isolating Transformers

Concentrically wound safety transformer with an interwinding earth safety screen, encapsulated in a material having exceptional insulating and shock resistant properties. Manufactured to BS 3535.

Input is via 1.5m length of PVC cable to BS 6500. A replaceable output fuse is accessible by removing the lid of the 'Feroglas' enclosure.

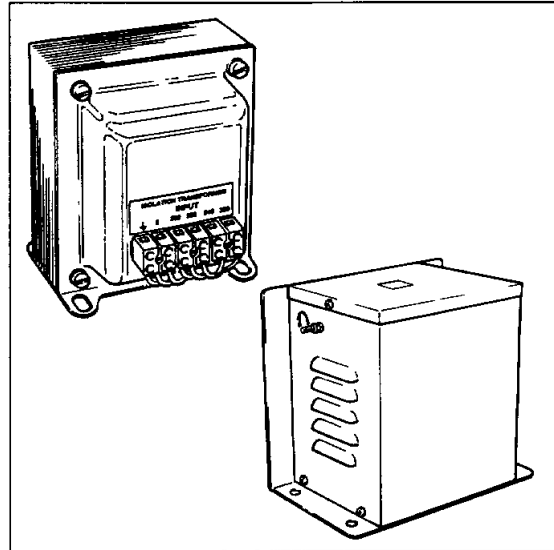
Two heavy duty insulated terminals are fitted plus an earth stud which can be used if required.

### Order Codes

	CODE
600VA 24V secondary portable isolating transformer	Z1086

### Transformer Specification

Continuous rating	600VA
Tool rating	1200VA
Width mm	192
Depth mm	192
Height mm	260
Weight kg	13.5



## Mains Isolating Transformers

A range of 1:1 ratio mains isolating transformers. All models are wound with a screened primary winding. They are fully shrouded with the exception of the 1000VA model which is cased in a heavy gauge steel box.

### Order Codes

	CODE
Mains isolating transformer	
250VA	Z2460
500VA	Z2461
1000VA	Z2569

### Transformer Specifications

Continuous rating	250VA	500VA	1000VA
Width mm	112	112	245
Depth mm	152	196	205
Height mm	135	135	250
Fixing centres mm	92 x 66 x 6.5 dia	92 x 112 6.5 dia	125 x 215 7.0 dia

## Notes on the use of Portable Isolation Transformers

Safety isolation transformers provide a floating 240V supply isolated from earth, but with a mains earth connection accessible in the output socket for shielding, static protection and signal earth reference for oscilloscopes etc

### Earth-free environments

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Refer to IEE wiring regulations 16th edition section 413-04 to 413-06

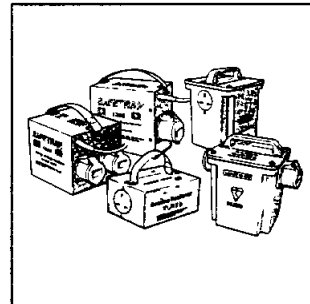
In 'earth-free environments' these units must have the internal socket earth link removed. On the plastic box (types Z2231, Z2315 and Z2390) this can be done by removing the lid (having first disconnected the unit from the mains), disconnecting the green/yellow lead from the socket and also disconnecting the other end of this wire, or cutting it out from where it emerges from the resin. Any green/yellow wires from the transformer itself must remain connected to the earth terminal of the mains input terminal block. Replace the lid.

Z2336 is the exception and must not be used in an earth-free environment, due to its earthed metal casing, unless it is sited outside the 'earth-free zone' or enclosed in a totally insulated container. Additionally, the socket earth link must be removed by unscrewing the socket, cutting the earth lead off flush where it enters the socket cavity and disconnecting the remainder from the earth terminal. Replace the socket.

For further information, refer to HMSO publication HS (G) 13 "Electrical Testing" (ISBN-0-11-883253-0) and consult your factory inspector.

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The company reserves the right to amend or change product specification without notice.



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