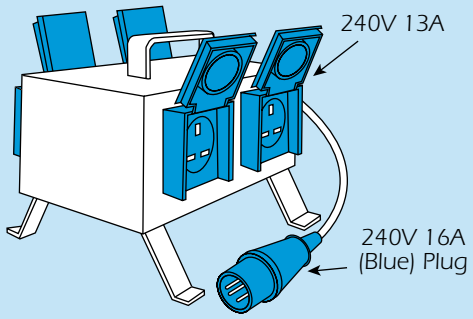
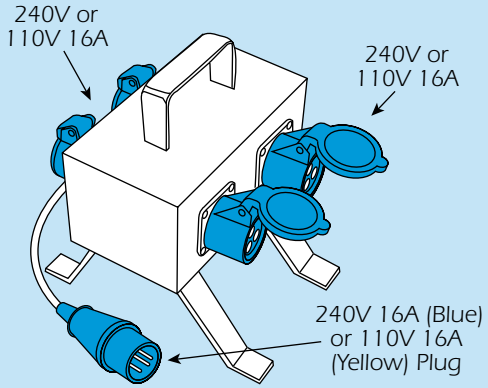
4 Way Junction Boxes

240V 13A 4 WAY JUNCTION BOX



240V 16A 4 WAY & 110V 16A 4 WAY JUNCTION BOX



Check all equipment and cables to find out the cause. Once rectified, reset the MCB and set the equipment up again.

If the problem persists, contact you local HSS Hire Shop for advice

Handle the equipment with care. Avoid dropping it, knocking it or otherwise exposing it to damage.

Never expose the equipment to excessive moisture, dust or dangerous/corrosive chemicals.

Keep the equipment clean. You will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

Never use the equipment for anything other than its intended purpose. If in doubt contact you local HSS Hire Shop for advice.

Always switch OFF and unplug the equipment before making any alterations or adjustments to it.

When not in use, **store the equipment somewhere clean, dry and safe** from thieves.

Sticker Sense

All HSS equipment carries stickers with specific instructions regarding power supply, operation and safety. Make sure you follow these instructions carefully.

If in doubt, contact your local HSS Hire Shop for advice.

FINISHING OFF

Switch OFF and unplug all electrical equipment connected to the junction box.

Unplug all cables and dust them down with a soft cloth. Finally, **neatly coil its cable ready for return** to your local HSS Hire Shop.

...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: http://www.hss.co.uk

Operating & Safety Guide 871

871/01

HSS Hire Shops

Junction Boxes

To enable you to work at a reasonable distance from a power supply.

RCD

Code 40804/06/14/15/23

GENERAL SAFETY

For advice on the safety and suitability of this equipment **contact your local HSS Hire Shop.**

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area.

Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

Wear sensible, reasonably protective clothing and footwear plus any safety gear appropriate to the equipment being powered.

If possible, **work within sight of someone who can summon help in the event of an accident.**

Always switch OFF and unplug the equipment when not in use. Wait for moving parts to stop before putting the tool down and never leave electrical equipment switched ON and unattended.

Make sure you know how to switch OFF the equipment you are using before you switch ON, in case you get into difficulty.

If In Doubt

If you have any doubts at all about how to operate or care for the equipment you have hired correctly, don't experiment and hope for the best. Always ask at your local HSS Hire Shop for advice.

ELECTRICAL SAFETY

Make sure the equipment is supplied with power at the correct voltage. Most HSS junction boxes are designed to plug straight into a standard 240v, 13amp power Socket. However, **110v junction boxes** (Which have a round yellow plug) **must be connected either to 110v generated supply, or to the mains via a suitable transformer.**

415v three phase (input) **to 240v** (output) **junction boxes must be connected to either a generated or mains powered 5 pin 3 phase supply socket.**

Make sure the power supply is adequate. Some 110v electrical equipment may need a particularly powerful generator/transformer, while some 240v equipment may have to be wired directly into a 20 or 30 amp circuit (a job for a qualified electrician). **If in doubt, ask our shop staff for advice.**

Never interfere with any fitted plugs or sockets the equipment may have.

Handle plugs, leads and sockets with care. Never run cables through water or over sharp edges. Never run them where they are likely to trip someone over, and never use leads to move or carry equipment.

If the equipment should fail, or if its plug or lead gets damaged, return it to your local HSS Hire Shop as soon as possible. **Never** attempt to **repair HSS equipment yourself.**

Using electrical equipment in very damp or wet conditions can be dangerous.

To reduce the risk of electric shock, fit an RCD (Residual Current-Operated Device), adaptor available from your local HSS Hire Shop, or power 240v and 415v (not 110V) equipment from a mains circuit that has a built-in RCD.

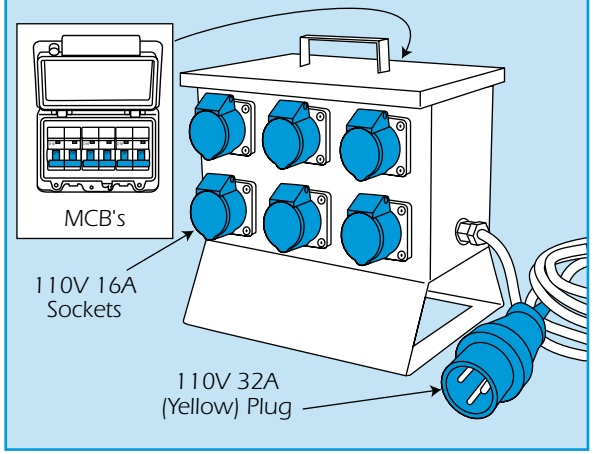
Ensure the machine and power socket are switched OFF before plugging into the power supply and when making any adjustments.

Never overload the electrics. Add up the power ratings of all the equipment connected to a given junction box and check that the total is less than the power rating of the junction box. **Remember that 1kVA = 1kW = 1000W.**

If using a tool rated transformer to provide power, ensure that the total power load is less than 75% of the units power rating. If rated continuous, then the full kVA value can be drawn.

GETTING STARTED

6 Way 110V Junction Box



Always unwind the full length of the lead to stop it overheating in use.

Coil excess lead neatly but loosely, close to the power supply and away from the work area where people can't trip over it.

Plug its lead into the power supply.

Now add up the power ratings of all the tools to be supplied from the junction box to make sure the total does not exceed the capacity of the box's plug.

110V – 1700W for 16A plugs; 3500W for 32A plugs.

240V - 3800W for 16A plugs, (this is also correct for 415v 3 phase to 240v models).

If in doubt contact your local HSS Hire Shop for advice.

EQUIPMENT CARE

Most HSS junction box outlets are protected by MCB's (miniature circuit breakers)**, if one should trip, disconnect the junction box from its power supply then unplug the equipment being powered.**

415V 3 Phase to 240V Junction Box