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.

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

FINISHING OFF

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

Set all MCB's to OFF. Unplug the unit from its power supply and neatly coil its cable ready for return, to your local HSS Hire Weld Depot.

RCD Fault-Finder...

If the RCD trips, switch OFF the power supply and isolate everything being powered.

Check the following possible causes and rectify the problem before reconnecting to the power supply.

Look For...

Cuts, abrasions or severe kinks in any lead. Loose cable clamps or glands on extension leads or the machine being powered.

Cracked, chipped or otherwise damaged plugs.

Water or other liquids that may have penetrated plugs, casings or any electrical connection – including the RCD itself.

If you find anything...

Return the equipment to your local HSS Hire Shop.

If you suspect a faulty piece of equipment...

Individually test each piece of equipment including transformers, connected to the RCD.

Reset the RCD, connect up the suspect piece of equipment and switch ON.

If the RCD trips again, assume that particular piece of equipment is faulty.

Then...

If the equipment is on hire from HSS, return the equipment to your local branch.

If you own the equipment, have it repaired by a recognised agent.

...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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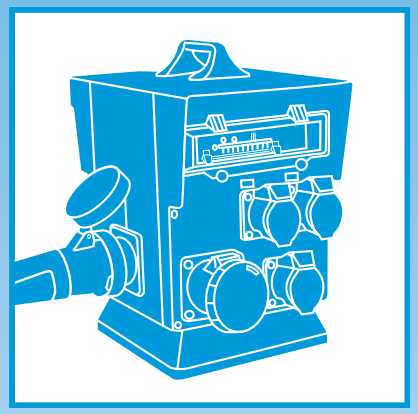
Web Site: http://www.hss.com/hireweld

Operating & Safety Guide HW889

HW889/01

HSS Hire-Weld



3 Phase Distribution Units

A range of 3 phase distribution boxes with a variety of power outlets.

RCD

Code 40832/3/4

GENERAL SAFETY

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

There is a serious risk of personal injury if you do not **follow all instructions** laid down in this guide.

The hirer has a responsibility to **ensure that all necessary risk assessments have been completed** prior to the use of this equipment.

This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.

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. Cordon off a NO GO area using cones, barriers or tape, available for hire from your local HSS Hire Weld Depot.

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

This equipment may be heavy, never attempt to lift it on your own, always get help.

Ensure the work area is well lit and ventilated, a fume extractor or smoke eliminator should be used. If in doubt, ask about lighting and ventilation equipment at your local HSS Hire Weld Depot.

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example**. Keep combustible materials at a safe distance -** at least 5m.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire Weld Depot.

ELECTRICAL SAFETY

The HSS 415V Distribution Box is designed to plug into a 415V 3-Phase power supply. Use either a mains or generated supply.

The supply socket must match the input plug rating, see chart.

Comm Code	Input Rating
40832	32amp
40833	63amp
40834	125amp

If taking three phase power from the unit you will need a 415V 3-Phase (5 pin) **power lead,** available for hire from your local HSS Hire Weld Depot.

Leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Keep power supply cables out of harm's way. Never run them through water, over sharp edges, or where they could trip someone.

If the distribution unit fails, or if its power supply cable or plug (if fitted) **gets damaged, return it.** Never try to repair it yourself.

Keep the unit dry, using electrical equipment in very damp or wet conditions can be dangerous.

RCD **To reduce the risk of electric shock, all 16 Amp and 32 Amp sockets are protected by a built in RCD** (Residual Current-Operated Device). There is no built in RCD protection to any of the 3-phase sockets.

GETTING STARTED

Check that the power supply is suitable for the unit, have it checked and confirmed by a qualified electrician.

You must have a five-pin 415V socket of the correct amperage (see ELECTRICAL SAFETY) correctly wired for the unit to connect to.

Set all the units MCBs to OFF by moving each switch lever down.

Make sure that you **disconnect all equipment** and/or power leads **to any of the outlet sockets** (230V or 415V).

With the power supply switched OFF, plug the unit into the supply socket.

The available take off sockets vary depending upon which model you have hired. Generally, each unit will offer 230V single-phase sockets of 16amp and/or 32amp.

All 230V sockets are protected by an RCD, which is positioned next to the MCB's.

Each power take off socket is protected by an MCB, which should be switched OFF when the socket is not in use.

The 230V and 415V power take off sockets are labelled and colour coded to identify which MCB and/or RCD they are attached to.

Never overload the power take off socket.

BASIC TECHNIQUES

Plug the items to be powered into their respective power take off sockets, then switch the main power supply ON.

Finally, **switch the respective MCB to ON.**

EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong tool for the job. Contact your local HSS Hire Weld Depot for advice.

3-Phase Distribution Unit