

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 Shop for advice.

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 the units ON OFF switch to OFF (0).

Unplug the unit from its power supply and neatly coil its cable ready for return, to your local HSS Hire Shop.



... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.

Training is available at HSS Training
0845 766 7799

...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

©HSS Hire Service Group Ltd 2020 No. 938/01

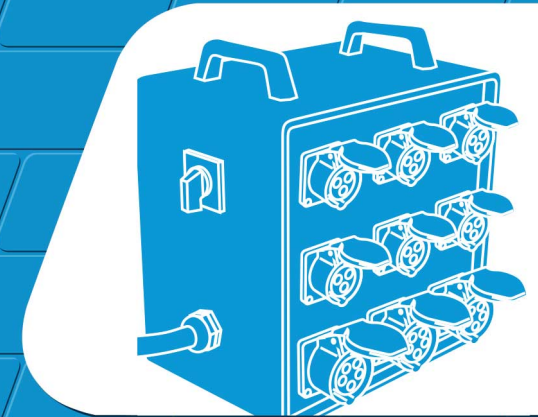
76 Talbot Road, Old Trafford, Manchester, M16 0PQ

www.hss.com

938/01

Operating & Safety Guide 938

HSS Hire



415V

Distribution Box

A distribution box designed to plug into a **415V 63A** supply and able to distribute either **3 x 415V 32A** outlets or **6 x 230V 16A** (one pair per phase) outlets.



Code 4083I

GENERAL SAFETY

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


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 and either barriers or tape, available for hire from your local HSS Hire Shop.

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

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

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 Shop.

ELECTRICAL SAFETY

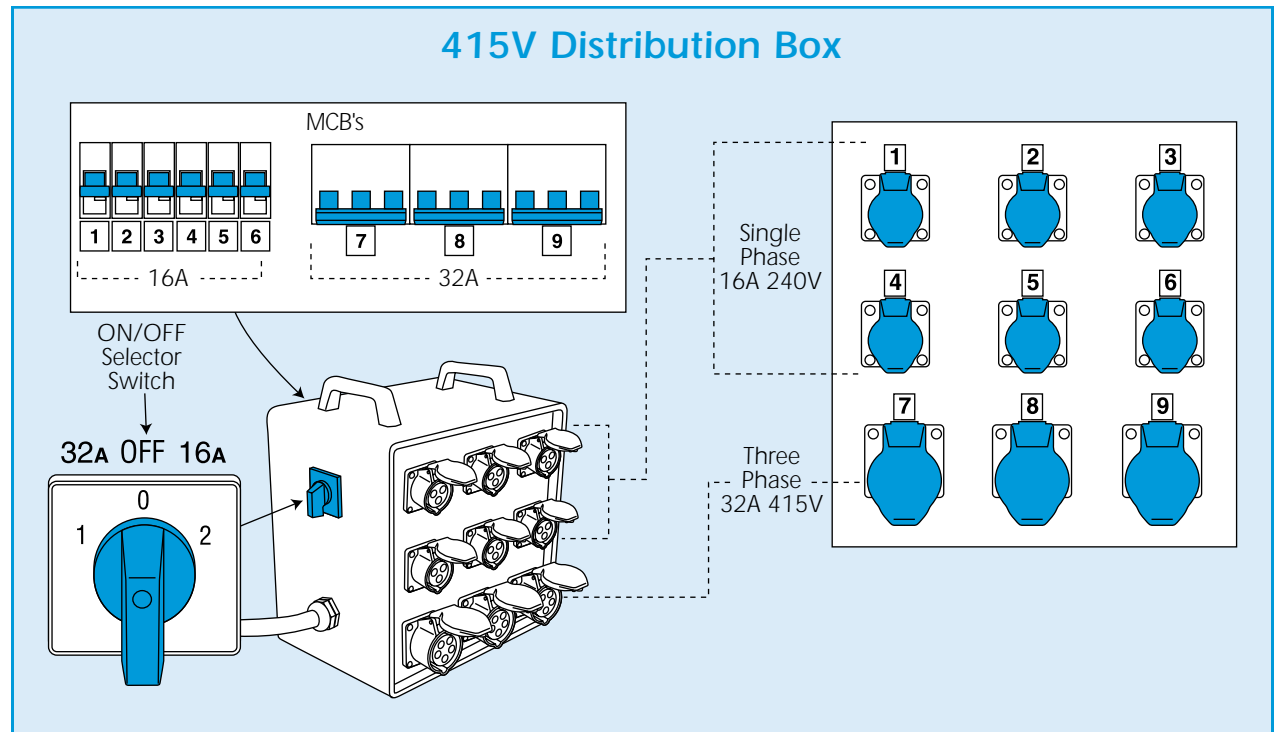
The HSS 415V Distribution Box is designed to plug into a 415V 3-Phase power supply. Use either a mains or generated supply.

If the equipment fails, or if its power supply cable or plug becomes damaged, return it. Never try to repair it yourself.

Keep cables out of harms way, and clear of the work area.


Extension leads should not be used between the power supply and the unit, however, leads may be used from the unit to the item being powered.

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



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

 To reduce the risk of electric shock, always use a suitable RCD (Residual Current-Operated Device). Heavy duty single phase 240V and three phase 415V RCDs are available from your local HSS Hire Shop.

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 63A 415V socket correctly wired for the unit to connect to.

Set the units ON/OFF switch to the OFF (0) position and set all MCBs to OFF by moving the switch levers down.

Make sure that you disconnect all equipment and/or power leads to any of the outlet sockets (240V or 415V).

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

There are 3 x 415V three phase power take off sockets and 6 x 240V single phase power take off sockets.

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

The unit can supply either voltage types but is unable to supply both at the same time.

To select the required voltage, turn the ON/OFF switch to '1' for 32A 415V three phase or to '2' for 16A 240V single phase.

The 16A 240V power take off sockets are colour coded with either red, yellow or blue labels to identify which phase they are attached to.

Never overload the power take off socket, use the chart below to calculate the maximum wattage available.

Socket	Number	Maximum Power Takeoff
16A 240V	1 & 4	16A
16A 240V	2 & 5	16A
16A 240V	3 & 6	16A
32A 415V	7	32A
32A 415V	8	32A
32A 415V	9	32A

Know Your Symbols

HSS have created clear Icons to inform the hirer of their responsibilities towards the safe use of hire equipment.

These are designed to reduce the amount of different safety information labels required for each product for hire.

General use PPE / Warning

Clearly marked minimum PPE will be visible on all equipment,



Correct PPE must be worn



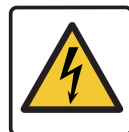
HAV Hand Arm Vibration



Danger Rotating blade



Danger Hot exhaust



Danger Electric shock



Caution Abrasive Wheel



Caution Finger trap

Fuel and Supply Types



Pe
Petrol



Di
Diesel



2t
2 - Stroke Petrol



EI
Electric

Safe Procedures

All hirers must understand and respect the safe procedures of all equipment.

It is the responsibility of the hirer to maintain and return the equipment in a clean condition and good working order.



Ro
Read OPS Guide



Ou
Outdoor Use only



HI
Heavy Lifting



Cd
Check Oil daily



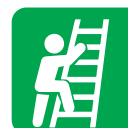
Cf
Check Fuel daily



Cw
Check Water daily



Bc
Battery Care



Sh
Safe Height Working



Swl
Refer to Data Plate



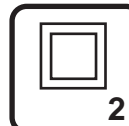
V
Check Power Voltage Data Plate

Electrical Safety

Safe wiring procedures.



Ea
Must be Earthed Class 1



Doi
Double Insulated Class 2



Enl
Earth Live Neutral Wire Coding

Return Responsibility

Charges apply to equipment returned dirty and damaged.



Cc
Cleaning Charge



Rc
Repair Charge