

~~PowerBreaker~~

Installation Instructions for RCD Fused Connection Units- Type A

30mA

H92-WP (White) & H92-MP (Metal)

10mA

H92-WP10 (White) & H92-MP10 (Metal)

IMPORTANT - For your protection

This product should be installed by a competent person and in accordance with the current IET Wiring Regulations.

If in doubt, consult a qualified electrician.

Electricity is dangerous and an RCD must not be used as a substitute for normal precautionary measures. Always disconnect from mains supply before any inspection or repair to equipment. Do not allow children to tamper with electrical devices.

This device will protect against live and neutral leakage faults to earth, it will not protect against electric shock due to contact with both conductors, short circuits between live and neutral, or a fault in the wiring supplying this device.

Should your PowerBreaker RCD socket, trip when first powered, repeatedly trip with an appliance connected or fail to trip when tested in accordance with the instructions, **Do Not Use**, please consult a qualified Electrician.

Type A RCDs are suitable for use with single phase supplies and applications with electronic components, they are also suitable for type AC RCD applications with Resistive, Capacitive, Inductive loads generally without any electronic components.

Type AC RCD should not be fitted upstream of a Type A as the load characteristics of a Type A RCD could then impair operation of the Type AC RCD.

INSTALLATION:

Install RCD spur and connect wires as shown in diagram.

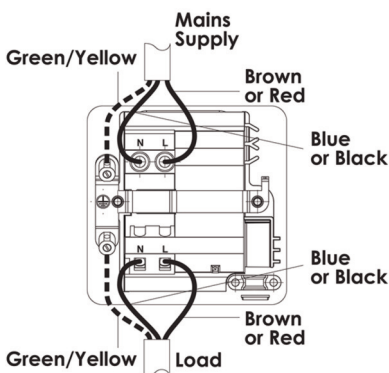
To fit the load/equipment cable remove blanking plug in lower plate.

The load cable can now be passed through hole and wired according to diagram. Any bare earth conductors must be sleeved with green/yellow sleeving.

Note:

Metal back box should be earthed

Clamp is reversible to cover wide range of cable diameters.



IMPORTANT: NOTE POSITION OF SUPPLY AND LOAD

PLEASE CARRY OUT THIS SIMPLE TEST PROCEDURE PRIOR TO EACH USE.

1. Press White ON button.
2. Window indicator will illuminate Red.
3. Press Grey Test button (T).
4. Red window indicator and illumination will disappear*. This means the RCD has tripped successfully.
5. To reset – press White ON button and use as a normal spur.
6. Green indicates off.

Fit BS1362 fuse in accordance with equipment manufacturers' specification. Remove this RCD from circuit before performing any high voltage insulation tests.

* If indicator fails to work, test fuse, If units still fails to work do not use and contact a qualified electrician.

TECHNICAL INFORMATION	
Rated voltage:	230V AC~50Hz
Maximum operating current:	13A (13A inductive)
Rated trip current:	
H92-WP / H92-MP	30mA
H92-WP10 / H92-MP10	10mA
Rated trip speed:	Less than 20mS (typical)
Terminal Capacity:	6mm ² max
RCD contact break:	Double pole
Mechanical latching:	Passive
Degree of protection:	IP40
Rated Short-circuit breaking and making Capacity:	250A
Rated conditional short-circuit current:	1500A Power factor Range .93 to .98
Terminal Capacities:	Upto 3 x 1.5mm ² / 3 x 2.5mm ²
Cord Anchorage:	
Cable Dia:	4.6mm - 10.4mm
Cable Size:	0.5mm ² to 1.5mm ²
Independently tested to:	BS 7288:2016+A1:2022 BS 1363-4:2016+A1:2018

This Single gang fused connection unit has been designed for storage and use between -5°C and +40°C and at an altitude of no greater than 2000 metres above sea level. Care must be taken not to subject the unit to misuse, such as abnormal pollution by smoke, chemical or flammable fumes, salt laden spray, prolonged periods of high humidity or other abnormal conditions.

NOTE: Product & Packaging Disposal

When disposing of this item and its packaging please follow local regulations and use an appropriate waste disposal centre. See GreenBrook website for further details.

GUARANTEE

Your PowerBreaker RCD Fused Connection Unit is guaranteed for 3 years from the date of purchase.
This is in addition to your statutory rights.

Please keep these instructions for future reference.

INSTALLER

- Please pass instruction manual onto the owner of the unit



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