WATER HOUSE®
Pumps & Garden

JUNCTION BOX 4 WAY

HR39.4 | IPX8

Brass waterproof cable junction box

For fountains and underwater electrical connections

INSTRUCTION MANUAL

Read carefully before installation and retain for future reference.

WELCOME

Introduction & specifications

Thank you for choosing the Waterhouse 4 Way Brass Junction Connector Box. Model HR39.4 is designed to accommodate multiple cable connections in fountain, water feature and compatible submerged electrical installations.

Intended applications

Architectural fountains, garden water features, underwater lighting and other compatible multi-cable installations in wet or submerged locations.

Technical specifications

Model	HR39.4
Product	4 Way Brass Junction Connector Box
Material	Brass
Ingress protection	IPX8
Connection configuration	4-way cable junction
Intended environment	Underwater / wet installations
Listed product weight	1.52 kg

IMPORTANT LIMITATION

IPX8 protection depends on correct assembly and sealing. The product page does not state the permitted immersion depth, cable diameter range, voltage/current rating or gland tightening torque. Confirm these before use.

IMPORTANT

Safety & installation

DANGER - ELECTRIC SHOCK

Electrical connections in or near water present a serious shock hazard. Installation, testing and servicing must be carried out by a qualified electrical professional in accordance with applicable regulations.

Before installation

1. Isolate the electrical supply and verify that the circuit is de-energised.
2. Inspect the brass body, cover, seals and cable entries for damage or missing parts.
3. Verify the cable types, diameters, electrical ratings and immersion conditions are compatible.
4. Use the manufacturer-approved sealing and termination method for each cable entry.

Installation and commissioning

- Plan the cable arrangement so connections are secure and not under mechanical strain.
- A qualified installer must make and inspect all conductor terminations, seals and cable restraints.
- Before energising or immersing, verify enclosure closure, earth continuity where applicable, insulation and water-tightness using appropriate professional test methods.

NO VERIFIED WIRING DIAGRAM

The product listing does not supply a wiring diagram, terminal assignments, cable-gland dimensions or assembly sequence. Do not assume a connection method from this general guide.

CARE

Inspection & troubleshooting

Routine inspection

With the supply safely isolated, inspect accessible external surfaces for corrosion, cracks, damaged cables, loose entries or signs of moisture ingress. Have a qualified installer assess any suspect seal or connection before re-use.

Troubleshooting guide

Water found inside the enclosure

Keep the circuit isolated. Have seals, cable entries and installation compatibility inspected; replace damaged components.

Intermittent connected equipment

Do not energise repeatedly. Have supply, conductor terminations and continuity tested by a qualified professional.

Visible corrosion or damaged housing

Stop using the junction box and arrange inspection or replacement.

Cable entry feels loose

Isolate power. Have the correct entry seal, cable fit and approved tightening procedure checked.

> **DO NOT REPAIR UNDER POWER**
>
> Never open or work on the junction box while energised or submerged. Replace any damaged or unserviceable parts using approved components.

Waterhouse South Africa

011 466 8250 | www.waterhouse.co.za