

WEATHERPROOF

ELECTRICAL ⚡ CONNECTORS

Wholesale Catalogue 2020



MAKING THE **RIGHT** CONNECTIONS





What is the Weatherproof Range?

The Weatherproof range of electrical connectors represents the cutting edge of technology. Designed to be fully reliable in the most adverse of conditions, the Weatherproof connectors are simple and quick to use.

THE FINEST RANGE OF WEATHERPROOF CONNECTORS

DESIGNED FOR TODAY'S PROFESSIONAL ELECTRICIANS

HIGH PERFORMANCE ELECTRICAL CONNECTORS



RESISTANCE TO EXTREME CONDITIONS

Rain, flood, tide, sand, snow, ice, industrial washes, chemicals, oil and grease



QUICK INSTALLATION

Fewer parts to assemble, no special tools required



HIGHER RESISTANCE

Products tested up to 10 years. High-quality UL94 V0/ V2 (f1) materials suitable for underground installation and guarantee reliability over time.



FEWER INSTALLATION FAILURES

Excellent sealing property of Weatherproof gaskets

Where could you use Weatherproof connectors?

Some of the many areas where Weatherproof connections are the ideal solution



- Public lighting
- Urban furniture
- CCTVs
- Data centres
- Electric signs
- Car charging stations
- Connection of power and heating cables



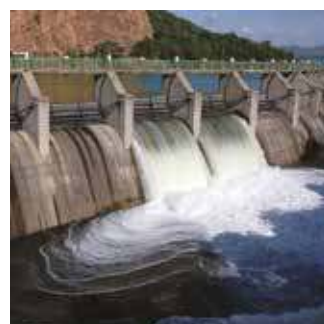
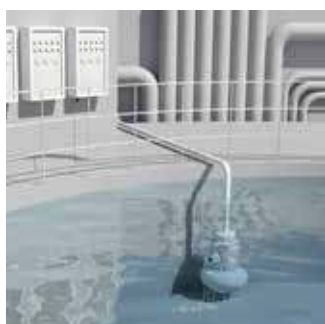
- As a protection for electronic circuits
- In data and optical fibre connections
- In motors and pumps
- LED lighting
- Underfloor Heating
- Lighting for external Walkways



- Water submersion
- Fountains and swimming pools
- Trade fair stands
- Lighting displays
- Garden Lighting
- Water treatment
- Electric Gates and Barriers



- Submersible pumps
- Energy distribution
- Petrol stations
- Mines
- Processing plant
- Irrigation
- Agriculture and cultivation
- Greenhouses





Weatherproof In-Line Circular Joint Connectors

Ideal for connections in small spaces needing a high degree of protection



Comprising few components; a TeeDrum terminal block, cable glands and a circular housing, TeeTubes are quick and simple to use, giving maximum protection, rated up to IP68 and without the need for Resin-Gel.

TeeTube connectors can be used in many situations, for example connecting power and heating cables, as a protection of electronic circuits, in data and optical fibre connections, in motors and pumps.

Scan this QR code for a video showing the TeeTubes in use



These are the most popular TeeTubes in use in the UK. All rated to IP68, they have a maximum rating of 32A/450V, end barrier contact block, 7mm-13.5mm cable diameter and a 4mm² maximum conductor size.

IP68



TTK.20.BK

TeeTube In-Line 2-Way Connector

IP68



THK.390.A1A

TeeTube In-Line, Short 2-Way Connector

IP68



THK.390.C1A

TeeTube In-Line 3-Way T-Splitter Connector



TTK.20.BK Components

IP68



TTK.20.BK

The TeeTube range is sold complete and ready for immediate use

THB.391.A1A

Despite the strength and protective qualities of the range, it is also very compact



Quick Plug & Socket Connectors

High Performance cable, wall mount special connection

The TEEPLUG Plug and Socket Connectors allow the installation of electrical equipment to a high protection class. An IP68 watertight connection, in depths up to 5 m (5 m/1 h) is made quickly and safely without the use of resin-gel.

A clear advantage of the TEEPLUG range is its compact dimensions compared to large industrial sockets and the components are keyway coded to ensure correct alignment.

IP68



THK.384.03

TeePlug and Socket

This TeePlug and Socket has a maximum rating of 17A/400V, a 3-pole screw terminal, 7mm – 12mm cable diameter and a 4mm maximum conductor size.

IP68



THB.405.A2A

5-pole TeePlug and Socket

The THB.405 range comes with a 3-5 poles, Screw terminal, a 7mm to 14mm cable diameter and a maximum rating of 17A/400V.

Micro Plug & Socket Connectors

Even more compact is the Micro Teeplug which measures only 14mm in diameter. For installation in tight spaces and permanently watertight in depths up to 30m. Ideal for architectural lighting, lighting in water, LED connections, street, indoor and urban lighting, advertising billboards and road signs.



IP68

IP69K



THK.381.03

3-pole Micro TeePlug and Socket

A new, 3-pole version, the THK.381.03, is now available.

THK.381.02

Micro TeePlug and Socket

A 2-pole screw terminal, only 14mm in diameter, with a 5.8mm – 6.9mm cable diameter, rated to 10A/400V. Also tested and approved to high pressure water (IP69K).



COMPACT SIZE

Compact size, ideal connections for in small places



CAN BE EMBEDDED

Can be embedded within machinery, equipment and installation systems



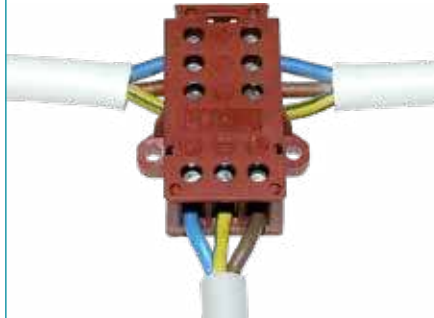
Junction Boxes & Current Distributors

With terminal blocks and plug & socket connectors for quick and flexible installations



IP65

THA.211.A1A



Terminal Block TH029

IP68



THA.209.A1A

IP67



THK.200.C2E

Our best-selling TeeBox is the THK.200.C2E.

- 3-Cable entry
- Temperature rating of -40°C to +125°C
- Up to 4mm² conductor size



Varied gasket sizes are included to take cables from 4mm – 9.5mm and a blanking plug to allow a 2-way connection. Fixing screws and surface mounting screws are also supplied.



The connection hinge between the top and the bottom simplifies the installation activities.



Cable glands with milled claws built in the box allow the installation of small-section cables.



Junction Connectors

A quicker and smaller alternative to Junction Box and Cable Glands



The H-Tube Junction Connector is a 4-way (1 input, 3 output) power distributor with sealed interconnections in a pre-wired solution. Versatile for use in a variety of plant and machinery and especially in harsh conditions. Compact for installation in tight spaces. Innovative design: Smaller, faster, error-proof. (Option to include insulation piercing screw terminal blocks).

IP68



THB.392.A4A

The THB.392.A4A Junction Connector has a maximum rating of 15A/400V, a 4-pole screw terminal, 8mm – 12mm cable diameter and a 4mm maximum conductor size

IP68



THB.392.R4A

xDRY, a specific technology of twin-injection of seals for waterproof installations (IP68) which also guard against condensation inside the cable.

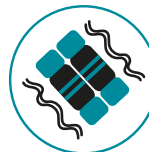
Weatherproof Family Matrix

Please note, this is not an exhaustive list. If the products below do not meet your exact requirements, please call 01933 234400 and we will match a weatherproof product to suit your needs

CABLE CAPACITY	TEETUBE	TEEPLUG
	 <p>TTK.20.BK 32A / 450V 3 Poles 5mm – 13mm</p> <p>THK.390.A1A 32A / 450V 3 Poles 7mm – 13.5mm</p>	 <p>THK.384.03 17.5A / 400V 3 Poles 7mm – 12mm</p> <p>THK.381.02 10A / 400V 2 Poles 5.8mm – 6.9mm</p> <p>THK.381.03 10A / 400V 3 Poles 5.8mm – 6.9mm</p>
	 <p>THK.390.C1A 32A / 450V 3 Poles 7mm – 13.5mm</p>	<p>TEEBOX</p>  <p>THK.200.C2E 32A / 450V 3 Poles 4mm – 9.5mm</p>
	<p>HTUBE</p>  <p>THB.392.A4A 17.5A / 450V 4 Poles 7mm – 13.5mm</p> <p>THB.392.R4A 17.5A / 450V 4 Poles 7mm – 13.5mm</p>	 <p>THA.209.A1A 32A / 450V 3 Poles 7mm – 14mm</p>



Resistance to external agents (EN60529). Ageing test in air with ozone concentration (ISO1431-1)



Resistance to vibrations (DEKRA - EN60068-2-6: RINA RULES 2011 Pt C, Ch 3, Sec6).



Resistance in saline environment – corrosion test (EN60068-2-11:2000).



Resistance to flame. Use of materials reinforced with fibreglass UL94 V0/V2 (f1). Glow-wire 850°C/960°C.



Resistance to impact (NEMKO – EH62262:2002). IK08 and IP68 tests satisfactory even after conditioning in hydrochloric acid (HCl) for 168 hours at 70°C (pH 4,5 and 3,5). Available versions with IK10.



Realised with materials compliant with the most rigorous Reach/RoHS regulations.

MAKING THE RIGHT CONNECTIONS

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