

# Oasis IP68 Waterproof Cable Joiner

## INSTALLATION INSTRUCTIONS



All dimensions in millimetres

Type	L	W
3 pole	115	26.5
5 pole	130	32.0

**WARNING** Isolate the mains before installing this product. If in doubt, consult a qualified electrician.

- 1 Unscrew and remove the two gland assemblies from the tubular housing and then extract the terminal block. It should be noted that the terminal block can only be removed (and inserted) from one end: this is indicated by an arrow adjacent to the information box moulded into the tube.
- 2 Fit one black neoprene seal over the threaded base of each gland taking care to ensure that each seal sits flat against the shoulder and above the threaded portion of the gland.
- 3 Strip back the cable ends to be connected by approximately 25mm for the outer sheath and 6-8mm for each individual conductor.
- 4 Before making the connections, check the outer cable diameter size and compare it to the cable-sealing table below. The glands are supplied with a two-part sealing ring that fits directly over the cable. For larger diameter cables the inner sealing ring must be removed.
- 5 Slip a gland assembly over each cable end and pass one of the cables through the tube. With reference to Note 1 above, ensure that the cable enters the tube at the opposite end to the arrow adjacent to the information box on the tube and exits at the arrow end.
- 6 Now connect the individual conductors to the screw terminal block ensuring good electrical contacts. Please observe the polarity markings on the end of the terminal block and ensure that each termination side corresponds to the identical conductor colour.
- 7 Pull the connector assembly back into the tube as far as the internal stop. Using a spanner, fit and sufficiently tighten both gland bodies to the tubular housing with the black neoprene seals in place. Finally tighten the gland nuts with the spanner to ensure good cable retention and waterproof seals.
- 8 For surface fixing, it is recommended that separate cable retention clips be used to fasten down incoming and outgoing cables.

**WARNING** In the interests of safety, consideration should be given to the fitting of a suitable Residual Current Device (RCD). This is particularly recommended where the connector housing is likely to be in direct contact with water (e.g. submerged).

### Technical Specifications

#### Max./Min. Cable Outside Diameters:

Connector Type	With inner / outer seal.	With outer seal only.
3 pole	5-8mm	8-13mm
5 pole	8-12mm	12-17mm

#### Specification of supplied terminal blocks:

- Insert hole diameter: 5 - 8mm  
 Terminal capacity: 1 X 4.0mm<sup>2</sup> per pole (incoming and outgoing sides)  
 Electrical ratings: : 32A, 450V