LV Waterproof Connectors

Piranha Series

Description and Application

The Piranha series is a range of general purpose multi-port waterproof insulation piercing connectors, ideal for use in wet areas or in areas subject to casual submersion (i.e. connection pits, hand-holes and man-holes). They will provide a waterproof connection for a wide range of single core copper or aluminium cables without the need to strip the cable or apply heat-shrink, resins or gels.

Features

- Fully insulated, no exposed live parts.
- One-piece, thermoplastic rubber over-moulding provides long-lasting water-tight seals.
- All seals are pre-greased to assist insertion of cables.
- Fully insulated, rugged plastic shear-head bolts suitable for installation with a battery powered impact wrench.
- UV stabilised over-moulding. Can be used in both overhead and underground applications.
- No stripping of cables required.
- No gels, resins or heat-shrink required.
- Only basic tools needed.

Cable Types

Single insulated, or double insulated PVC/PVC or PVC/XLPE copper or aluminium to AS/NZS 5000.1 2005.

All Piranhas™ are designed for use on low voltage (0.6/1kV) single core cables, or a single core from a multi-core LV cable. Cable types and ranges are indicative only. Suitability of cable type and size should be confirmed with Sicame Australia prior to application. Not suitable for flexible or welding cables.

Contact type

Torque controlled insulation piercing shear-head bolts on all ports.

Test Specification

ANSI C119.1









Installation: 3 easy steps

1. Set into position, cut to length and clean the cables.

2. Using a six-sided impact socket, loosen the Piranha's contact bolts, remove the port sealing cap, apply silicone grease to the cable and insert it into the connector.

3. Using the same socket, tighten the Piranha's bolts until the heads shear off.

**Basic steps only. Please contact us for fully detailed installation instructions.*

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Multi-Port Waterproof, Fully Insulated Piercing Connector

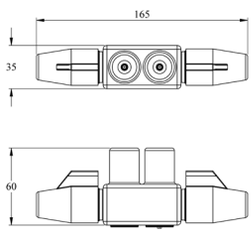
PHMS2-6-50

Cable Ports	Cable Range*
2	6-50mm^2



Connection Pictogram





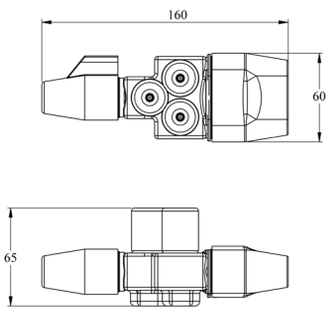
PHMS3-6-50

Cable Ports	Cable Range*
3	6-50mm^2



Connection Pictogram





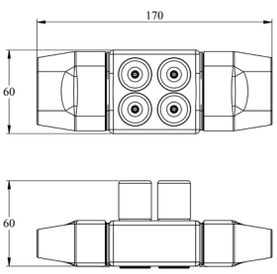
PHMS4-6-50

Cable Ports	Cable Range*
4	6-50mm^2



Connection Pictogram





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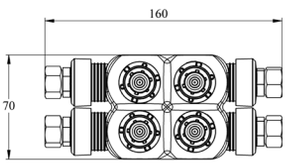
PHMS4-16-95

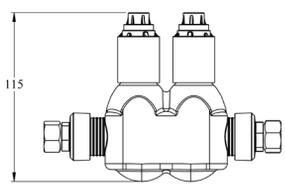
Cable Ports	Cable Range
2	16-95mm²



Connection Pictogram







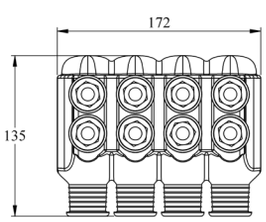
PHM4-95-300

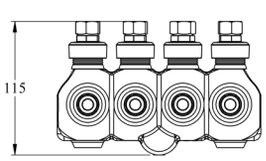
Cable Ports	Cable Range
4	95-300mm²



Connection Pictogram







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Multi-Port Waterproof, Fully Insulated Piercing Connector

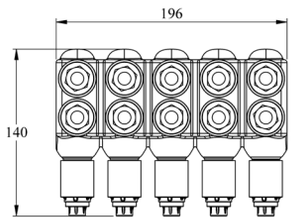
PHM5-16-95

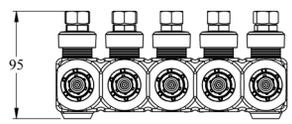
Cable Ports	Cable Range
5	16-95mm²



Connection Pictogram







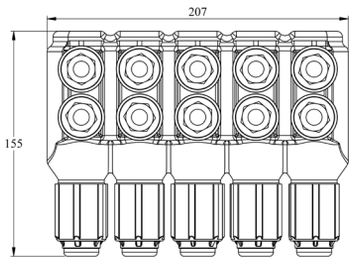
PHM5-95-240

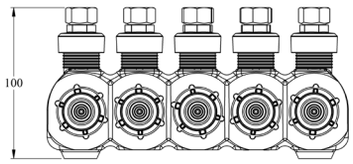
Cable Ports	Cable Range
5	95-240mm²



Connection Pictogram







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Multi-port Waterproof, Fully Insulated Piercing Connector

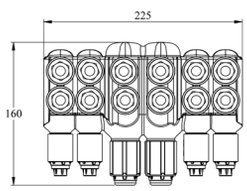
PHM6-16-240

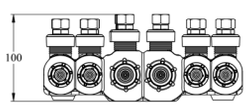
Cable Ports	Cable Range
4 - Service	16-95mm²
2 - Mains	95-240mm²



Connection Pictogram







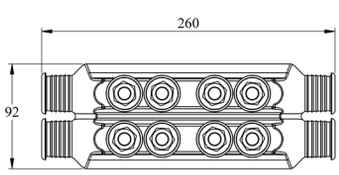
PHS2X2-95-240

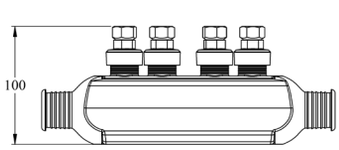
Cable Ports	Cable Range
4	95-240mm²

Connection Pictogram









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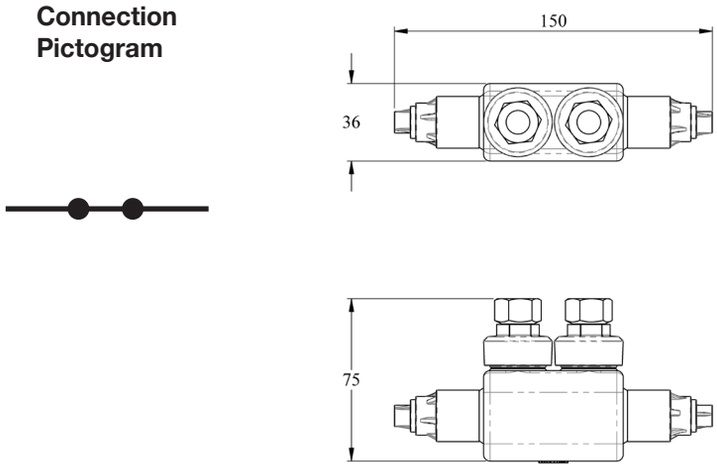
In-line Waterproof, Fully Insulated Piercing Connector

PHS2-6-50

Cable Ports	Cable Range
2	6-50mm^2



Connection Pictogram

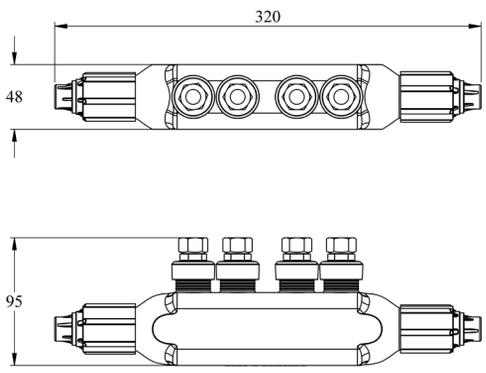


PHS2-35-185

Cable Ports	Cable Range
2	35-150mm^2 or 35-185mm^2 ***on single insulated aluminium only***

Connection Pictogram





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