

## 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.*

## LV Waterproof Connectors

### ■ Multi-Port Waterproof, Fully Insulated Piercing Connector

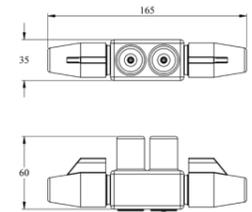
#### PHMS2-6-50



#### Connection Pictogram



Cable Ports	Cable Range*
2	6-50mm <sup>2</sup>



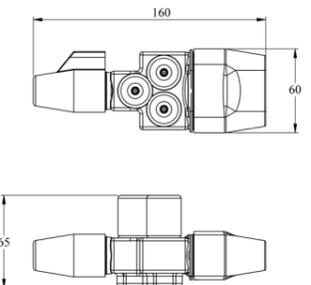
#### PHMS3-6-50



#### Connection Pictogram



Cable Ports	Cable Range*
3	6-50mm <sup>2</sup>



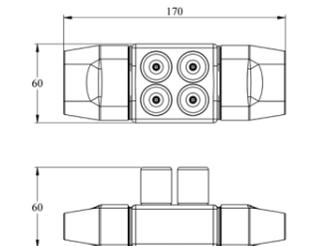
#### PHMS4-6-50



#### Connection Pictogram



Cable Ports	Cable Range*
4	6-50mm <sup>2</sup>



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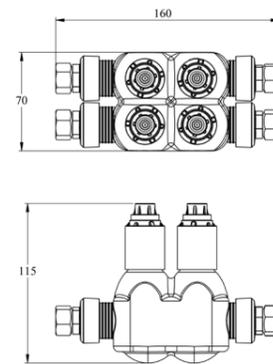
## LV Waterproof Connectors

■ Multi-Port Waterproof, Fully Insulated Piercing Connector

**PHMS4-16-95**



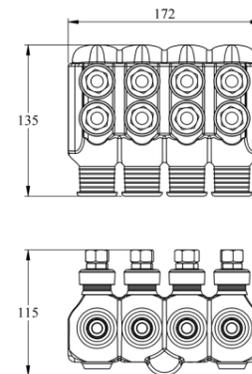
Cable Ports	Cable Range
2	16-95mm <sup>2</sup>



**PHM4-95-300**



Cable Ports	Cable Range
4	95-300mm <sup>2</sup>



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## LV Waterproof Connectors

■ Multi-Port Waterproof, Fully Insulated Piercing Connector

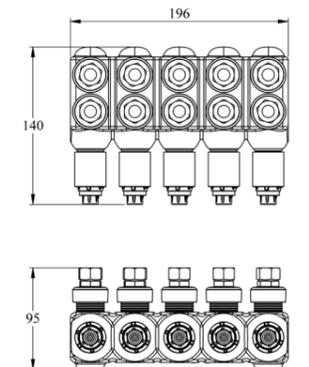
**PHM5-16-95**



Cable Ports	Cable Range
5	16-95mm <sup>2</sup>



Connection Pictogram



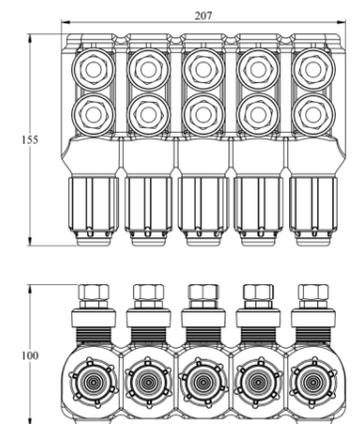
**PHM5-95-240**



Connection Pictogram



Cable Ports	Cable Range
5	95-240mm <sup>2</sup>



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## LV Waterproof Connectors

■ Multi-port Waterproof, Fully Insulated Piercing Connector

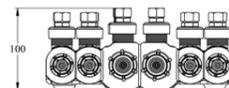
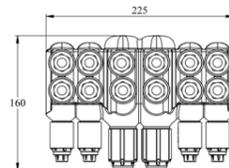
**PHM6-16-240**



Cable Ports	Cable Range
4 - Service	16-95mm <sup>2</sup>
2 - Mains	95-240mm <sup>2</sup>



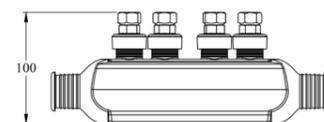
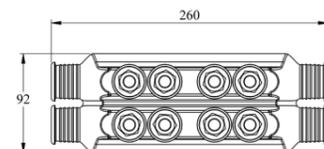
Connection Pictogram



**PHS2X2-95-240**

Cable Ports	Cable Range
4	95-240mm <sup>2</sup>

Connection Pictogram



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## LV Waterproof Connectors

■ In-line Waterproof, Fully Insulated Piercing Connector

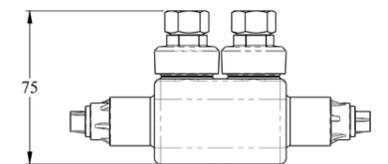
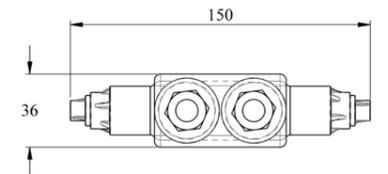
**PHS2-6-50**



Cable Ports	Cable Range
2	6-50mm <sup>2</sup>



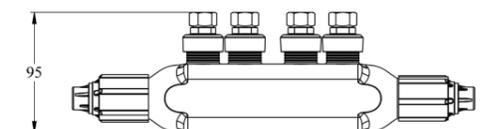
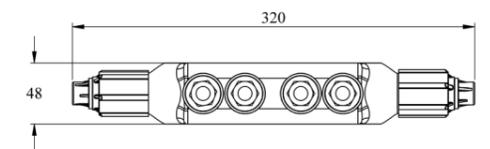
Connection Pictogram



**PHS2-35-185**

Cable Ports	Cable Range
2	35-150mm <sup>2</sup> or 35-185mm <sup>2</sup> on single insulated aluminium only

Connection Pictogram



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