

LVABC CONNECTORS

ILC SERIES



ILC 695

ILC IN-LINE PIERCING CONNECTOR

A general purpose in-line piercing connector for aluminium or copper insulated cable in the range of 6 - 95 mm².

- + Piercing connectors both sides
- + Employs proven shear head technology
- + Fully waterproof
- + Complies with relevant sections of AS4396
- + Fully insulated - no exposed live parts
- + No crimp tools required
- + Fits mains box below

Product Number	Cable Range (sq mm)	Bolt Head A/F (mm)	Pack Size (pcs)
ILC 695	6 to 95	13	10
ILC 635	6 to 35	13	10
ILC 3595	35 to 95	13	10

INSTALLATION NOTES

Use only a 13mm AF, six point hexagon socket to tighten bolts.

All other connections made on the service and consumers cable must also be waterproof to prevent moisture ingress through the cable into the connector.



MCB3/4ILC

3 PHASE INDUSTRIAL MAINS BOX FOR IN-LINE PIERCING CONNECTORS

- + Fully insulated connection system
- + IP66 rated
- + Designed to house the ILC connectors (see above)
- + Fully UV Stabilised
- + Protects connectors from accidental damage or contact
- + Ideal for connecting commercial and industrial 200Amp services
- + Rear entry of consumer mains cable
- + Protects consumer mains cables from UV
- + Water shedding
- + Attractive design
- + Supplied complete with 4 x ILC connectors

Product Number	Description	Cable Size (mm ²)	Number of ILC connectors included	Pack Size (pcs)
MCB3/4ILC	Three phase Industrial MCB supplied with connectors	6 to 95	4	4
MCB3/4ILC3595	Three phase Industrial MCB supplied with connectors	35 to 95	4	4

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



LVABC CONNECTORS MULTI-PORTS & EARTHING



MSC SERIES

The MSC series comprise a standard piercing connector coupled to a special multi-tap adaptor.

FEATURES

- + Cable entry joint seals at the side, parallel to main conductor. The linesman will always be working on the same plane.
- + Superior two stage cable joint caps. Improves moisture seal on minimum and maximum sized cables ensuring longevity of connection.
- + Shear-head bolts on the top of the connector. This means that the linesman is always working in the same orientation.
- + Inserted tin plated brass teeth (both sides) provide a bimetallic connection for both copper and aluminum conductors.
- + Optional high visibility yellow shear-head clips to indicate shear-head nuts have been properly operated. Can be seen from the ground.
- + The new connectors are available in red, white and blue in addition to the standard black to facilitate easier phase identification and load balancing.
- + Resealable test point on underside of connector.

Product Number	Description			
	Mains Cable Type	Mains Cable Range (mm ²)	Branch Cable Range (mm ²)	Pack Size
MSCI/3595X #	LVABC	25 to 95	4 x 6 to 35	10
MSCI/50150X #	LVABC	50 to 150	4 x 6 to 35	10
MSCC/795X #	Bare Copper	7 to 95	4 x 6 to 35	10
MSCC/50150X #	Bare Copper	50 to 150	4 x 6 to 35	10
MSCA/50150X #	Bare Aluminium	50 to 150	4 x 6 to 35	10



DENOTES COLOUR:

To order colour coding of the connectors please substitute # with the word **BLUE, WHITE or RED.**

eg. **MSCI/3595X BLUE**

To order connector with high visibility yellow shear off identification tags please add **E** to product number when ordering.

eg. **MSCI/3595X E BLUE**



PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



SERVICE FITTINGS HSC SERIES



HSC435



HSC435/1
HSC435/1O
HSC435/1P



HSC435/T



HSCH

The HSC series of connectors have been specially designed to connect consumers mains (house side) to insulated overhead service mains (service side). Fully insulated and equipped with torque control shear-head bolts, the HSC is safe and easy to use. No stripping of insulation is required on the service mains side. The consumers mains side requires 17mm of insulation to be stripped.

HSC SERIES

APPLICATION

Service side: Insulated copper or aluminium
Mains side: Consumers mains cable (house)

FEATURES

- + Shear heads on both connections
- + Complies with relevant sections of AS4396
- + Fully bimetallic
- + Easily fits into Sicame Australia mains boxes MCB Series).
- + Totally insulated and waterproof

TESTING SPECIFICATIONS

Relevant sections of AS4396

INSTALLATION NOTES

Use only a 13mm AF, six point hexagon socket to tighten bolts.

All other connections made on the service and consumers cable must also be waterproof to prevent moisture ingress through the cable into the connector.

Product Number	Aluminium Teeth						
	Consumers Mains Cable House side) (mm ²)	Service Side Tap Range (mm ²)	Copper Earth Tail Length (mm)	Lug Hole Size (mm)	Bolt Head A/F (mm)	Bonding Tail Size (mm ²)	Pack Size (pcs)
HSC435	4 to 35	6 to 35	N/A	N/A	13	N/A	10
HSC435E	4 to 35	6 to 35	N/A	N/A	13	N/A	10
HSC435T	10 sq mm tail	6 to 35	200	N/A	13	N/A	10
HSC435TE	10 sq mm tail	6 to 35	200	N/A	13	N/A	10
HSC435/1	4 to 35	6 to 35	800	10	13	16	10
HSC435/1O	4 to 35	6 to 35	500	12	13	16	10
HSC435/1P	4 to 35	6 to 35	300	6	13	16	20
Product Number	Tin-Plated Copper Teeth						
HSC435A	4 to 35	6 to 35	N/A	N/A	13	N/A	10
HSC435AE	4 to 35	6 to 35	N/A	N/A	13	N/A	10
HSC435B	4 to 35	6 to 35	N/A	N/A	13	N/A	10
HSC435BE	4 to 35	6 to 35	N/A	N/A	13	N/A	10
HSC435CE	4 to 35	6 to 35	N/A	N/A	13	N/A	10
HSC435TA	10 sq mm tail	6 to 35	200	N/A	13	N/A	10
HSC435TAE	10 sq mm tail	6 to 35	200	N/A	13	N/A	10

Product Number	Description
HSCH	Gripping handle for HSC435, HSC435E, HSC435/T, HSC435TE, HSC435A, HSC435AE, HSC435B, HSC435BE, HSC435CE, HSC435TA & HSC435TAE

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



SERVICE FITTINGS

HSC DOUBLE BOLT SERIES



HSC435DB



The HSC series of connectors have been specially designed to connect consumers mains (house side) to insulated overhead service mains (service side). Fully insulated and equipped with torque control shear-head bolts, the HSC is safe and easy to use. No stripping of insulation is required on the service mains side. The consumers mains side requires 47mm of insulation to be stripped.

HSC DOUBLE BOLT SERIES

APPLICATION

Service mains side: Insulated copper or aluminium

Mains domestic side: Consumers mains cable, accepts copper

Used as connection point on domestic dwellings, range taking 6-35 mm².

FEATURES

- + Fully bimetallic
- + Totally insulated and waterproof
- + Transparent window ensures cable is correctly inserted
- + Shear-head technology on both connections

INSTALLATION NOTES

Use only a 13mm AF, six point hexagon socket to tighten bolts.

All other connections made on the service and consumers cable must also be waterproof to prevent moisture ingress through the cable into the connector.

Product Number	Consumers Mains Cable House side (mm ²)	Service Side Tap Range (mm ²)	Bolt Head A/F (mm)	Pack Size (pcs)
HSC435DB	4 to 35	6 to 35	13	10
HSC435DBE	4 to 35	6 to 35	13	10

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



SERVICE FITTINGS CAW & CCW SERIES

The CCW and CAW series of connectors have been specially designed to provide a waterproof connection between insulated overhead services to a variety of bare overhead mains. Both single and double tap models are available.



CCW35E

CCW235

CCW SERIES

- Mains: Bare copper
 Service: Insulated copper or aluminium
 + Piercing connector on service tap
 + Complies with relevant sections of AS4396
 + Disconnection of service by easy removal of the connector from the mains
 + Two tap (CCW235) model available

Product Number	Mains Range			Service Taps		Pack Size (pcs)
	Stranding	Area (mm ²)	OD (mm)	Range (mm ²)	Quantity	
Connectors for Bare Copper Mains						
CCW35	7/1.00 to 19/3.00 Cu	5.5 to 135	3 to 15	6 to 35	1	12
CCW235	7/1.00 to 19/3.00 Cu	5.5 to 135	3 to 15	6 to 35	2	12

INSTALLATION NOTES

Use only a 13mm AF, six point hexagon socket to tighten bolts.

All other connections made on the service and consumers cable must also be waterproof to prevent moisture ingress through the cable into the connector.



CAW35E

CAW235

CAW SERIES

- Mains: Bare aluminium
 Service: Insulated copper or aluminium
 + Piercing connector on service tap
 + Complies with relevant sections of AS4396
 + Disconnection of service by easy removal of the connector from the mains
 + Two tap (CAW235) model available
 + Simple M8 socket operation

Product Number	Mains Range			Service Taps		Pack Size (pcs)
	Stranding	Area (mm ²)	OD (mm)	Range (mm ²)	Quantity	
Connectors for Bare Aluminium Mains						
CAW35	7/1.75 to 19/3.75 Al	16 to 210	5 to 19	6 to 35	1	12
CAW235	7/1.75 to 19/3.75 Al	16 to 210	5 to 19	6 to 35	2	12

INSTALLATION NOTES

Use only a 13mm AF, six point hexagon socket to tighten bolts.

All other connections made on the service and consumers cable must also be waterproof to prevent moisture ingress through the cable into the connector.

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



SERVICE FITTINGS

CAW & CCW DOUBLE BOLT

The CCW and CAW series of connectors have been specially designed to provide a waterproof connection between insulated overhead services to a variety of bare overhead mains. Both single and double tap models are available.



CCW35DBE

CCW35DB

Product Number	Mains Range			Service Taps		Pack Size (pcs)
	Stranding	Area (mm ²)	OD (mm)	Range (mm ²)	Quantity	
Connectors for Bare Copper Mains						
CCW35DB	7/1.00 to 19/3.00 Cu	5.5 to 135	3 to 15	6 to 35	2	6
CCW35DBE	7/1.00 to 19/3.00 Cu	5.5 to 135	3 to 15	6 to 35	2	6

CCW SERIES

APPLICATION

Mains: Bare copper
Service: Insulated copper or aluminium

FEATURES

- + Piercing connector on service tap
- + Disconnection of service by easy removal of the connector from the mains
- + Service connection fully sealed and waterproof
- + Bimetallic service connection, tin plated brass teeth
- + Transparent window ensures cable is correctly inserted

INSTALLATION NOTES

Use only a 13mm AF, six point hexagon socket to tighten bolts.

All other connections made on the service and consumers cable must also be waterproof to prevent moisture ingress through the cable into the connector.



CAW35DBE

CAW35DB

Product Number	Mains Range			Service Taps		Pack Size (pcs)
	Stranding	Area (mm ²)	OD (mm)	Range (mm ²)	Quantity	
Connectors for Bare Aluminium Mains						
CAW35DB	7/1.75 to 19/3.75 Al	16 to 210	5 to 19	6 to 35	2	6
CAW35DBE	7/1.75 to 19/3.75 Al	16 to 210	5 to 19	6 to 35	2	6

CAW SERIES

APPLICATION

Mains: Bare aluminium
Service: Insulated copper or aluminium

FEATURES

- + Piercing connector on service tap
- + Disconnection of service by easy removal of the connector from the mains
- + Service connection fully sealed and waterproof
- + Bimetallic service connection, tin plated brass teeth
- + Transparent window ensures cable is correctly inserted

INSTALLATION NOTES

Use only a 13mm AF, six point hexagon socket to tighten bolts.

All other connections made on the service and consumers cable must also be waterproof to prevent moisture ingress through the cable into the connector.

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



SERVICE FITTINGS MAINS CONNECTION BOXES



MCB1/2H



MCB3/4H

Single and three phase environmental base and cover for the protection of consumer mains suitable for 6 to 35mm² cable. Each unit contains the HSC series (House Services Connector) providing a fully sealed bimetallic connection of copper consumer mains to Al or Cu services.

MCB SERIES - MAINS CONNECTION BOX

- + Fully insulated connection system
- + Plug in HSC's providing bi-metal connection of service cables and consumers mains
- + Base suitable for rear entry of consumers mains
- + Eliminates UV degradation of PVC consumers mains
- + Cover allows for easy exit of bonding tail HSC435/1 series
- + Heavy duty polyamide UV stabilised construction

Please Note: Use only a 13mm AF, six point hexagon socket to tighten the HSC bolts.

Product Number	Description	Number of HSC435 connectors included	Pack Size (pcs)
MCB1/2H	Single phase MCB supplied with connectors	2	10
MCB3/4H	Three phase MCB supplied with connectors	4	6

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH
A flat blade screw is required to remove the MCB cover.



SERVICE FITTINGS PFV SERIES



PFV100



PFVAB1



PFV100KIT

MOUNTING BRACKET OPTIONS



PFBKT1
1 phase pole
mount bracket



PFBKT3
3 phase pole
mount bracket



HFBKT3
3 phase wall
mount bracket



HFBKT1
1 phase wall
mount bracket

Pole or house mounted fuse holders and accessories. 100 amp single phase, "pig-tail stick" operated, service fuse for house or pole mounting.

PFV SERIES SERVICE FUSE HOLDER

APPLICATION

Insulated XLPE aluminium or copper cables,
Suitable for mounting on pole or house using
appropriate bracket.
Primary House Service Fuse

FEATURES

- + Range of brackets to suit various applications including replacements
- + Insulation piercing connections on line and load sides
- + Insulated top mounting M8 shear head bolts
- + Underside entry cable connection ports creating drip loops on all installations
- + Accepts up to 100 amp BS style cartridge (58 x 22mm)
- + U.V. stabilised polymeric body with anti-flame retardant
- + Can be ganged to three phases using PFBKT3 or HFBKT3
- + U.V. stabilised bird guards over cable seals
- + Completely waterproof bi-metallic connections.
- + Stainless steel mounting bolt
- + IP44 rated

TESTING SPECIFICATION

Relevant sections of AS/NZS 60269
Salt fog tracking tests
Additional temperature rise tests on service cables
not specified in the standard

Product Number	Description	Cable Range (mm ²)	Pack Size
PFV100	Fuse Disconnecter 100 amp BS style (58 x 22)	6 to 35	20
PFV100KIT	Fuse - 100 amp BS style includes PFVAB1 adaptor bracket installed	6 to 35	12
PFV100 695	Fuse Disconnecter 100 amp BS style (58 x 22)	6 to 95	
ACCESSORIES			
Product Number	Description	Pack Size	
PFBKT1	Pole bracket single phase	20	
PFBKT3	Pole bracket three phase	15	
HFBKT1	House bracket single phase	20	
HFBKT3	House bracket three phase	15	
PFVAB1	Adaptor bracket to fit PFV100 to swan neck pin	40	
FUSE BS100	100 amp BS Cartridge (58x22mm)	1	

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



SERVICE FITTINGS PFV SERIES WITH ID PLATES



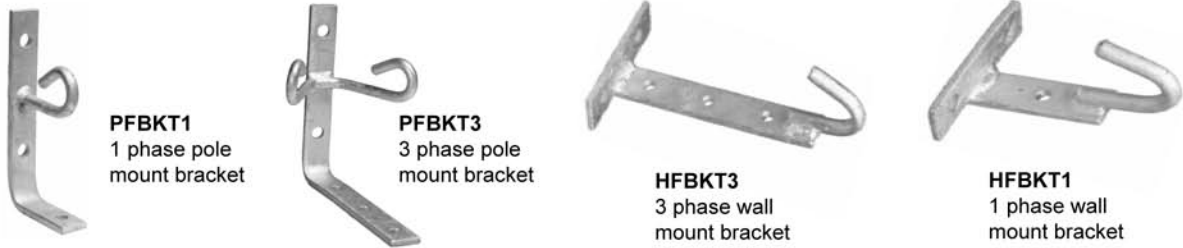
PFIDP

PF NPA

SFP450

Service fuse puller,
450mm long

MOUNTING BRACKET OPTIONS



PFBKT1

1 phase pole
mount bracket

PFBKT3

3 phase pole
mount bracket

HFBKT3

3 phase wall
mount bracket

HFBKT1

1 phase wall
mount bracket

PFV SERIES SERVICE FUSE HOLDER WITH HOUSE NUMBER ID PLATE

Refer previous page (PFV Series) for application, features, specification and installation notes.

House number identification plates feature user removable segments.



House numbers are bright yellow and easily readable from ground level. ID plate clearly identifies the fuse unit applicable to each house connected at the pole.



Product Number	Description	Cable Range (mm ²)	Pack Size
PFV100 695 E IDP	Fuse Disconnecter 100 amp BS style (58 x 22), with house number ID plate and shear indicator clip	6 to 95	20
ACCESSORIES			
Product Number	Description	Pack Size	
PF NPA	Retro-fitting house number ID plate, suitable for fuse holders PFV100 and PFV100 695		
PFIDP	Fuse carrier (100 amp max) with house number ID plate to suit PFV100 and PFV100 695		

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



LVABC CONNECTORS

WBC SERIES



A transitional joint for very small conductors connecting to equipment only designed for large conductors. Ideally suited for street light cables where particularly small conductors can be connected to larger main cables.

A connector to stop moisture and water travelling from one electrical cable system to another.

WATER BLOCKING CONNECTOR

APPLICATION

A connector to stop moisture and water travelling from one electrical cable system to another or as a transitional joint for very small conductors connecting to equipment only designed for large conductors.

FEATURES

- + Provides a fully sealed, waterproof connection
- + Torque controlling shear heads on all bolts
- + Tightening bolts do not come into contact with live components
- + Has a tail that is fully sealed within the body which can be inserted into the equipment
- + Comes complete with a test point

TESTING SPECIFICATION

AS/NZS 4396:1999

Insulation Piercing for 0.6/1kV Aerial Bundled Cables

Product Number	Cable Range (mm ²)
WBC125	1.5 - 25
WBC125E	1.5 - 25

PLEASE NOTE:

E = Comes with high visibility yellow shear-head identification tags.

PLEASE NOTE: The products on this page can be ordered with high visibility shear-off identification tags. To order the products with these identification tags please add the suffix **E** to the end of the product number when ordering.



Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



WATERPROOF PIERCING CONNECTORS PIRANHA - MUCI SERIES



MUCI4/650



MUCI3/650



MUCI2/650



MUCI/H



MUCIBOLTYELLOW 13-17



Multi-tap insulation piercing connectors for underground connection of two, three or four insulated cables.

PIRANHA™ SERIES WATERPROOF PIERCING CONNECTORS

APPLICATION

For the waterproof, underground connection of 2, 3 or 4 conductors. Suitable for copper or aluminium insulated cables, single or double insulated from 6 to 50 sq mm. Ideal for connecting cables in pillar boxes, buried connection pits and streetlight columns.

FEATURES

- + waterproof
- + torque controlling shear head bolts for correct contact pressure
- + no need to strip cable
- + flexible cable entry ports
- + fitted with push-on protective bolt caps

TESTING SPECIFICATIONS

Contact Sicame for details.

Product Number	Number of Connection Ports	Conductor Size Range (mm ²) *	Bolt AF (mm)	Pack Size (pcs)
MUCI2/650	2	6 to 50	13	20
MUCI3/650	3	6 to 50	13	6
MUCI4/650	4	6 to 50	13	12
MUCIBOLTYELLOW 13-17	N/A	N/A	13	1
MUCI/H	Gripping handle for MUCI4/650 & MUCI2/650			

* Cable types and ranges are nominal and indicative only. Suitability of cable type and size should be confirmed with Sicame prior to application.

Recommended tool for all products: RPS13/17-6H or RPS13/17-6SH



UNDERGROUND CONNECTORS WATERPROOF IN-LINE FUSE



SILF™ - WATERPROOF IN-LINE FUSE

APPLICATION

The SILF™ can be used in:

- + Street lighting on columns and poles
- + Underground pits and pillars in distribution systems for units, town houses or factory complexes
- + On poles for service lines
- + At pumps and water reticulation systems.

FEATURES

- + Insulated contact bolts with shear-heads for torque control
- + Bolts may also be removed to disconnect the fuse holder
- + Accommodates a wide range of cable sizes, clearly marked on the side
- + Amp rating permanently marked on the fuse holder body
- + Tinned brass tunnel connection chamber
- + Totally sealed against moisture and water
- + Hermetically sealed chamber for fuse cartridge
- + Cable strip length clearly marked on the side
- + Advanced and proven cable entry seal prevents water ingress
- + Inexpensive and cost effective
- + Each carton packaged with reusable application tool
- + Over moulding is UV stabilised
- + Easily identified as a fuse. Permanently marked in moulding.

FEATURES

Fuse Cartridge

- + 415V, 80kA high rupture capacity (HRC) fuse in accordance with IEC 60269

Complete Unit

- + Temperature rise and non deterioration of contacts tests to AS/NZS 60269
- + Water proofing test to ANSI C119.1
- + 960 deg C glow wire test certified

INSTALLATION NOTES

For tightening of the shear-head bolts, use the plastic spanner included. See below.



The SILF™ fuse is clearly and permanently marked, in large bold lettering moulded onto the body.



AMP Rating clearly and permanently identified on the body.



PRODUCT NUMBER	FUSE SIZE	CONDUCTOR SIZE
SILF 6	6 amp	1.5 mm ² to 16 mm ²
SILF 8	8 amp	1.5 mm ² to 16 mm ²
SILF 10	10 amp	1.5 mm ² to 16 mm ²
SILF 16	16 amp	1.5 mm ² to 16 mm ²
SILF 20	20 amp	1.5 mm ² to 16 mm ²
SILF 32	32 amp	1.5 mm ² to 16 mm ²

Recommended tool for all products: Plastic spanner included with SILFs.





Product Data Sheet

PHMS4-16-95



Description and application	The PHMS4-16-95 Piranha™ is a general purpose multi-port waterproof insulation piercing connector, ideal for use in wet areas or in areas subject to casual submersion (i.e. connection pits, hand-holes and man-holes). It will provide a waterproof connection for up to four cables without the need to strip the cable or to apply heat-shrink, resins or gels.
Connection ports	4 mains/service ports. Each connector can connect up to 4 cables (of the same phase) to each other.
Contact type	Torque controlled insulation piercing shear-head bolts on all ports.
Cable range*	16 to 95mm ² , circular copper or aluminium on all ports.
Over-moulding	Single piece, black synthetic rubber
Test Specification	ANSI C119.1

*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.



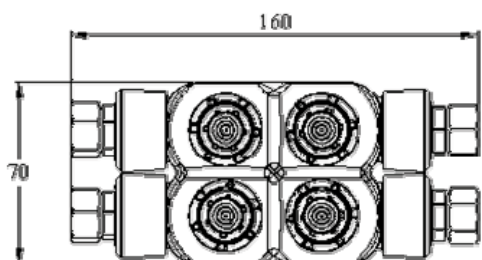
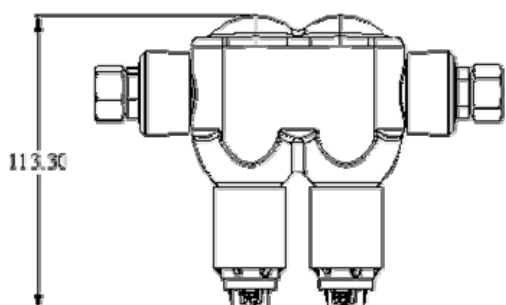
Product Data Sheet

PHMS4-16-95



Cable entry ports (4)

Contact bolts (4)



Features

- ◆ Fully insulated, no exposed live parts.
- ◆ Connector body manufactured from high strength, light weight aluminium alloy.
- ◆ Piercing teeth manufactured from high strength, 0n plated diecast brass.
- ◆ One-piece, thermoplastic rubber over-moulding provides long-lasting water-tight seals.
- ◆ All seals are pre-greased with silicone grease.
- ◆ Fully insulated rugged 19mm AF plastic shear heads suitable for impact wrench installation.
- ◆ 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.

*Three easy steps for installation:

1. Set into position, cut to length and clean the cables.
2. Loosen the Piranha's contact bolts, remove the port sealing cap, apply silicone grease to the cable and insert it into the connector.
3. Tighten the Piranha's bolts until the heads shear off.



Product Data Sheet

PHM4-16-95

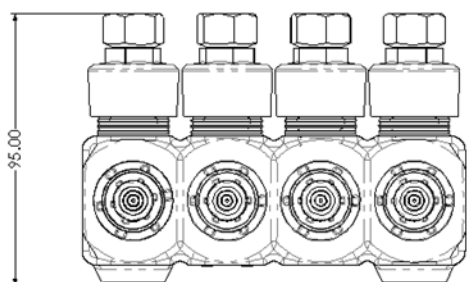
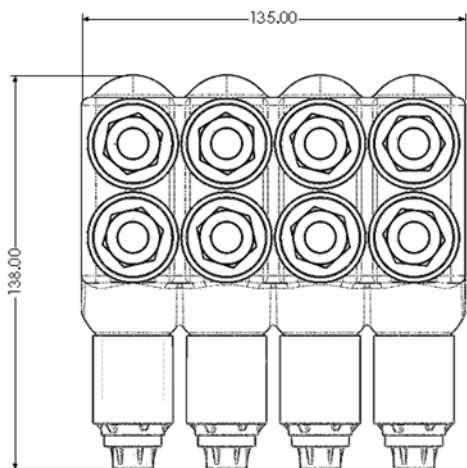


Description and application	The PHM4-16-95 Piranha™ is a general purpose multi-port waterproof insulation piercing connector, ideal for use in wet areas or in areas subject to casual submersion (i.e. connection pits, hand-holes and man-holes). It will provide a waterproof connection for up to four cables without the need to strip the cable or to apply heat-shrink, resins or gels.
Ports	4 mains/service ports. Each connector can connect up to 4 cables (of the same phase) to each other.
Contact type	Torque controlled insulation piercing shear-head bolts on all ports.
Cable range*	16 to 95mm ² , circular copper or aluminium on all ports.
Over-moulding	Single piece, black synthetic rubber.
Test Specification	ANSI C119.1
<p>*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.</p>	



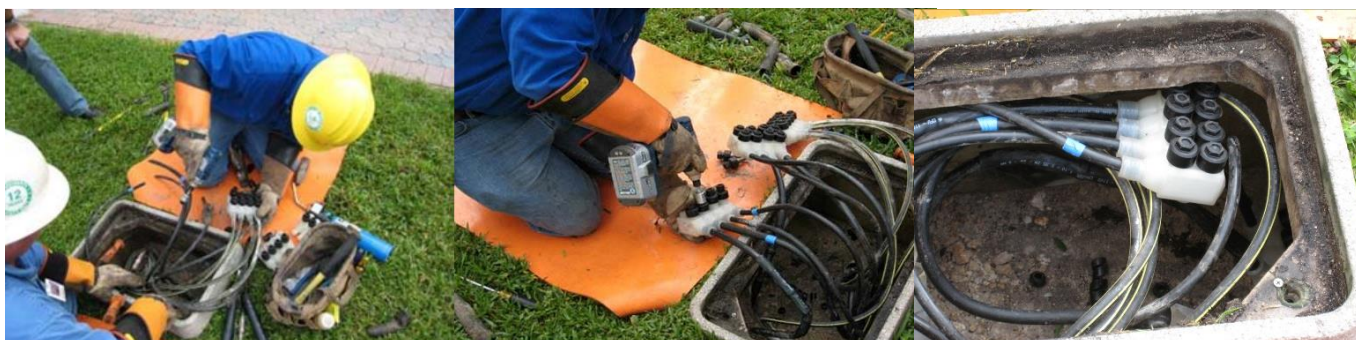
Product Data Sheet

PHM4-16-95



Features

- ◆ Fully insulated, no exposed live parts
- ◆ Connector body manufactured from high strength, light weight aluminium alloy.
- ◆ Piercing teeth manufactured from high strength, 0n plated diecast brass.
- ◆ One-piece, thermoplastic rubber over-mould provides long-lasting water-tight seals.
- ◆ All seals are pre-greased with silicone grease.
- ◆ Fully insulated rugged 19mm AF plastic shear heads suitable for impact wrench installation.
- ◆ Can be used in both overhead (black type) and underground applications.
- ◆ No stripping of cables required.
- ◆ No gels, resins or heat-shrink required
- ◆ Only basic tools needed



Typical applications—PHM4-16-95 with transparent over-moulding shown

Three easy steps for installation:

1. Set into position, cut to length and clean the cables
2. Loosen the Piranha's contact bolts, remove the port sealing caps, apply silicone grease to the cable and insert it into the connector
3. Tighten the Piranha's bolts until the heads shear off.



Product Data Sheet

PHM4-95-300



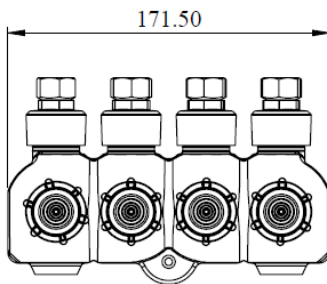
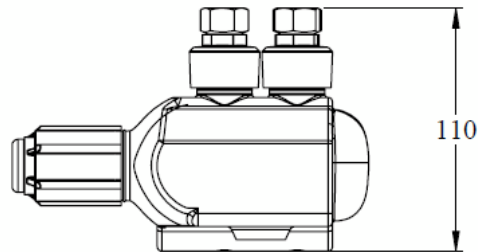
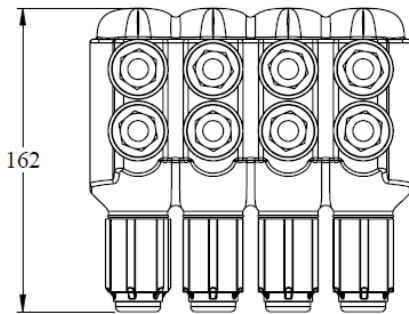
Description and application	The PHM4-95-300 Piranha™ is a general purpose multi-port waterproof insulation piercing connector, ideal for use in wet areas or in areas subject to casual submersion (i.e. connection pits, hand-holes and man-holes). It will provide a waterproof connection for up to five cables without the need to strip the cable or to apply heat-shrink, resins or
Ports	4 mains/service ports. Each connector can connect up to 4 cables (of the same phase) to each other.
Contact type	Torque controlled insulation piercing shear-head bolts on all ports.
Cable range*	95 to 300mm ² , circular copper or aluminium on all ports.
Over-moulding	Single piece, black synthetic rubber.
Test Specification	ANSI C119.1

*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.



Product Data Sheet

PHM4-95-300



Typical applications—PHM4-16-95 shown

Features

- ◆ Fully insulated, no exposed live parts
- ◆ Connector body manufactured from high strength, light weight aluminium alloy.
- ◆ Piercing teeth manufactured from high strength, 0n plated diecast brass.
- ◆ One-piece, thermoplastic rubber over-mould provides long-lasting water-tight seals.
- ◆ All seals are pre-greased with silicone grease.
- ◆ Fully insulated rugged 19mm AF plastic shear heads suitable for impact wrench installation.
- ◆ Can be used in both overhead (black type) and underground applications.
- ◆ No stripping of cables required.
- ◆ No gels, resins or heat-shrink required
- ◆ Only basic tools needed

*Three easy steps for installation:

1. Set into position, cut to length and clean the cables
2. Loosen the Piranha's contact bolts, remove the port seal caps, apply silicone grease to the cable and insert it into the connector
3. Tighten the Piranha's bolts until the heads shear off.



Product Data Sheet

PHM5-16-95

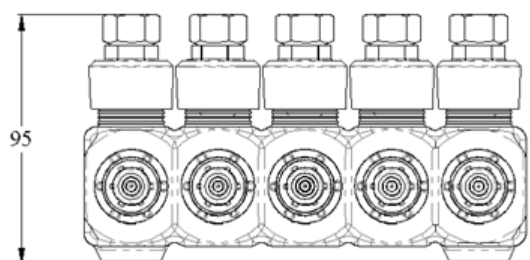
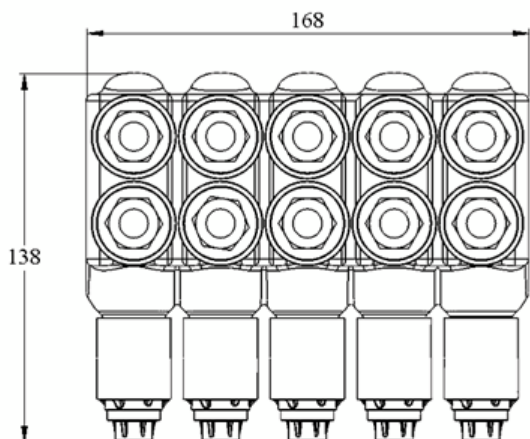


Description and application	The PHM5-16-95 Piranha™ is a general purpose multi-port waterproof insulation piercing connector, ideal for use in wet areas or in areas subject to casual submersion (i.e. connection pits, hand-holes and man-holes). It will provide a waterproof connection for up to five cables without the need to strip the cable or to apply heat-shrink, resins or gels.
Ports	5 mains/service ports. Each connector can connect up to 5 cables (of the same phase) to each other.
Contact type	Torque controlled insulation piercing shear-head bolts on all ports.
Cable range*	16 to 95mm ² circular copper or aluminium on all ports.
Over-moulding	Single piece, black synthetic rubber.
Test Specification	ANSI C119.1
<p>*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.</p>	



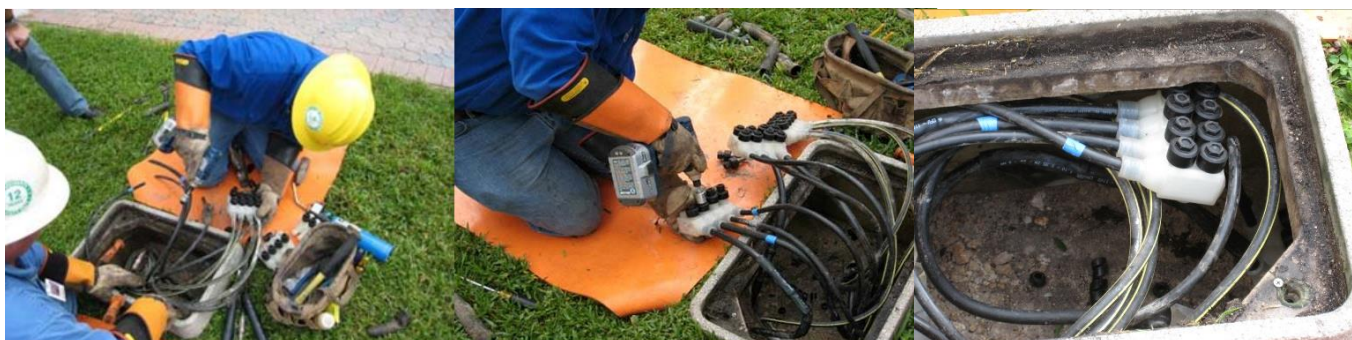
Product Data Sheet

PHM5-16-95



Features

- ◆ Fully insulated, no exposed live parts
- ◆ Connector body manufactured from high strength, light weight aluminium alloy.
- ◆ Piercing teeth manufactured from high strength, Zn plated diecast brass.
- ◆ One-piece, thermoplastic rubber over-mould provides long-lasting water-tight seals.
- ◆ All seals are pre-greased with silicone grease.
- ◆ Fully insulated rugged 19mm AF plastic shear heads suitable for impact wrench installation.
- ◆ Can be used in both overhead (black type) and underground applications.
- ◆ No stripping of cables required.
- ◆ No gels, resins or heat-shrink required
- ◆ Only basic tools needed



Typical applications—PHM4-16-95 with transparent over-moulding shown

Three easy steps for installation:

1. Set into position, cut to length and clean the cables.
2. Loosen the Piranha's contact bolts, remove the port sealing caps, apply silicone grease to the cable and insert it into the connector.
3. Tighten the Piranha's bolts until the heads shear off.



Product Data Sheet

PHM5-95-240



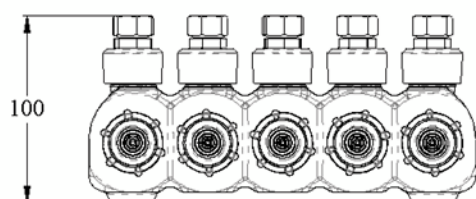
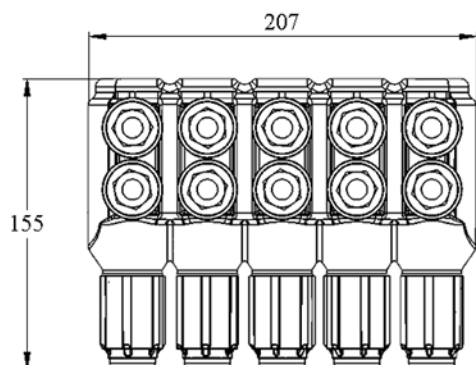
Description and application	The PHM5-95-240 Piranha™ is a general purpose multi-port waterproof insulation piercing connector, ideal for use in wet areas or in areas subject to casual submersion (i.e. connection pits, hand-holes and man-holes). It will provide a waterproof connection for up to five cables without the need to strip the cable or to apply heat-shrink, resins or gels.
Ports	5 mains/service ports. Each connector can connect up to 5 cables (of the same phase) to each other.
Contact type	Torque controlled insulation piercing shear-head bolts on all ports.
Cable range*	95 to 240mm ² , circular copper or aluminium on all ports.
Over-moulding	Single piece, black synthetic rubber.
Test Specification	ANSI C119.1

*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.



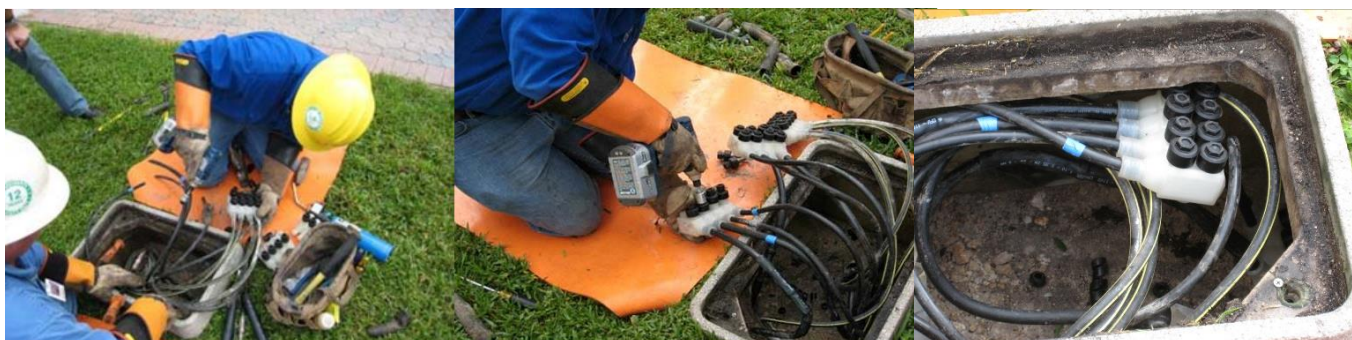
Product Data Sheet

PHM5-95-240



Features

- ◆ Fully insulated, no exposed live parts
- ◆ Connector body manufactured from high strength, light weight aluminium alloy.
- ◆ Piercing teeth manufactured from high strength, 0n plated diecast brass.
- ◆ One-piece, thermoplastic rubber over-mould provides long-lasting water-tight seals.
- ◆ All seals are pre-greased with silicone grease.
- ◆ Fully insulated rugged 19mm AF plastic shear heads suitable for impact wrench installation.
- ◆ Can be used in both overhead (black type) and underground applications.
- ◆ No stripping of cables required.
- ◆ No gels, resins or heat-shrink required
- ◆ Only basic tools needed



Typical applications—PHM4-16-95T shown

*Three easy steps for installation:

1. Set into position, cut to length and clean the cables
2. Loosen the Piranha's contact bolts, remove the port seal caps, apply silicone grease to the cable and insert them into the connector
3. Tighten the Piranha's bolts until the heads shear off.



Product Data Sheet

PHM6-16-240



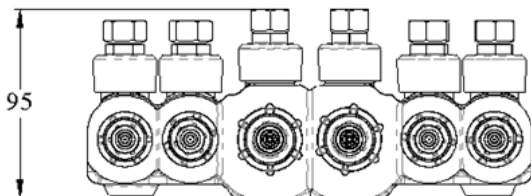
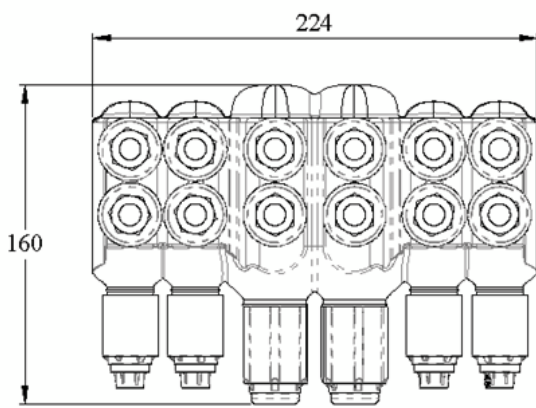
Description and application	The PHM6-16-240 Piranha™ is a general purpose multi-port waterproof insulation piercing connector, ideal for use in wet areas or in areas subject to casual submersion (i.e. connection pits, hand-holes and man-holes). It will provide a waterproof connection for up to six cables without the need to strip the cable or to apply heat-shrink, resins or gels.
Ports	2 mains ports (centre ports), 4 service ports (outside ports). Each connector can connect up to 6 cables (of the same phase) to each other.
Contact type	Torque controlled insulation piercing shear-head bolts on all ports.
Cable range*	120 to 240mm ² circular copper or aluminium on mains ports. 16 to 95mm ² circular copper or aluminium on service ports.
Over-moulding	Single piece, black synthetic rubber.
Test Specification	ANSI C119.1

*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.



Product Data Sheet

PHM6-16-240



Features

- ◆ Fully insulated, no exposed live parts
- ◆ Connector body manufactured from high strength, light weight aluminium alloy.
- ◆ Piercing teeth manufactured from high strength, Zn plated diecast brass.
- ◆ One-piece, thermoplastic rubber over-mould provides long-lasting water-tight seals.
- ◆ All seals are pre-greased with silicone grease.
- ◆ Fully insulated rugged 19mm AF plastic shear heads suitable for impact wrench installation.
- ◆ Can be used in both overhead (black type) and underground applications.
- ◆ No stripping of cables required.
- ◆ No gels, resins or heat-shrink required
- ◆ Only basic tools needed

*Three easy steps for installation:

1. Set into position, cut to length and clean the cables
2. Loosen the Piranha's contact bolts, remove the port seal caps, apply silicone grease to the cable and insert them into the connector
3. Tighten the Piranha's bolts until the heads shear off.