LVABC Service Fitting Connectors

HSC Series - House Service Connectors

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.

The body is made from UV stable thermo plastic elastomer TPE. There are two versions available of the HSC, the single bolt connection designed for both phase and neutral connections and the two bolt HSCDB. The HSCDB is a two-bolt connection designed specifically for the Neutral where the customer requires additional security of the connection with two bolts and sets of teeth and tunnel connection points safeguarding against incorrect installation.

The HSC are easily installed and can be used alone or placed inside a mains box, see MCB.



HSC435AE



HSC435DB

Application

- Overhead service mains side: Insulated copper or aluminium 6-35mm²
- Consumer mains side: copper (stripped) 4-35mm².

Features

- Shear heads on all connection bolts
- Complies with relevant sections of AS/NZS 4396
- Fully bimetallic
- Tin plated brass teeth
- Easily fits into Sicame Australia mains boxes MCB series
- Totally insulated and waterproof
- IP67 rated
- Black bolt service mains, grey bolt customer mains.

DB Type (additional advantages)

Predominantly used on neutral connections.

- Windows to see conductor correctly installed on both the Service and Customer mains side of the connector
- Customer mains entry shroud extension to insulate stripped conductor on entry
- Two bolt connection both service mains and customer mains.

Testing Specifications

Relevant sections of AS/NZS 4396

Products on this page are unsuitable for multi-stranded flexible cables.

Note: Add suffix 'E' for addition of yellow shear-head indicator

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HSC Series cont.

Installation Notes

- Use only a 13mm AF, six-point hexagon socket to tighten bolts. Recommended for all products RPS 13/17-6H or RPS 13/17-6SH
- Application handle for HSC and HSC double bolt (tool - for installation of HSC435 connectors type A, B & DB) see HSC/HSCDB-H
- All other connections made on the service and consumers cable must also be waterprooof 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.

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RECOMMENDED TOOL

RPS13/17-6H or RPS13/17-6SH



Product Number	Description	Consumers Mains Cable (House Side) (mm²)	Service Side Tap Range (mm²)	Bolt Head AF (mm)	Pack Size
HSC435A	House service connector tin plated brass teeth & tunnel	4 to 35	6 to 35	13	10
HSC435B	House service connector tin plated brass contact plate on bolt & tin plated brass teeth & tunnel	4 to 35	6 to 35	13	10
HSC435DB	Twin bolt neutral house service connector tin plated brass contact plate on bolts & tin plated brass teeth & tunnel connections with viewing windows	4 to 35	6 to 35	13	10

Note: Add suffix 'E' for addition of yellow shear-head indicator

Installation Handle

Product Number	Description
HSC/HSCDB-H	HSC Series installation tool





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