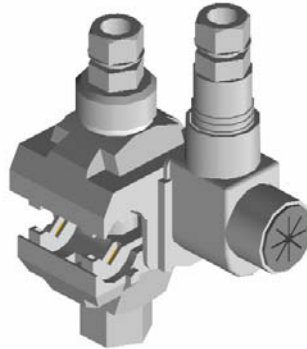


**MSD Connectors (Single Service)**



**Principle Application**

- |                  |  |
|------------------|--|
| BS 6346 Mains    | PVC insulated, 600/1000V cables.   |
|                  | <ul style="list-style-type: none"> <li>• 3/4 core solid aluminium.</li> </ul>    |
| BS 6480 Mains    | Impregnated paper insulated, 600/1000V cables.                                   |
|                  | <ul style="list-style-type: none"> <li>• 3/4 core stranded aluminium.</li> </ul> |
| ESI 09-7 Service | PVC insulated, concentric service cable.   |
|                  | <ul style="list-style-type: none"> <li>• circular solid aluminium.</li> </ul>    |

**Range**

Connector Reference	Core csa (mm <sup>2</sup> )		
	Mains		Service
	Min	Max	
MSD 185/50	70	185	4-50
MSD 300/50	240	300	4-50

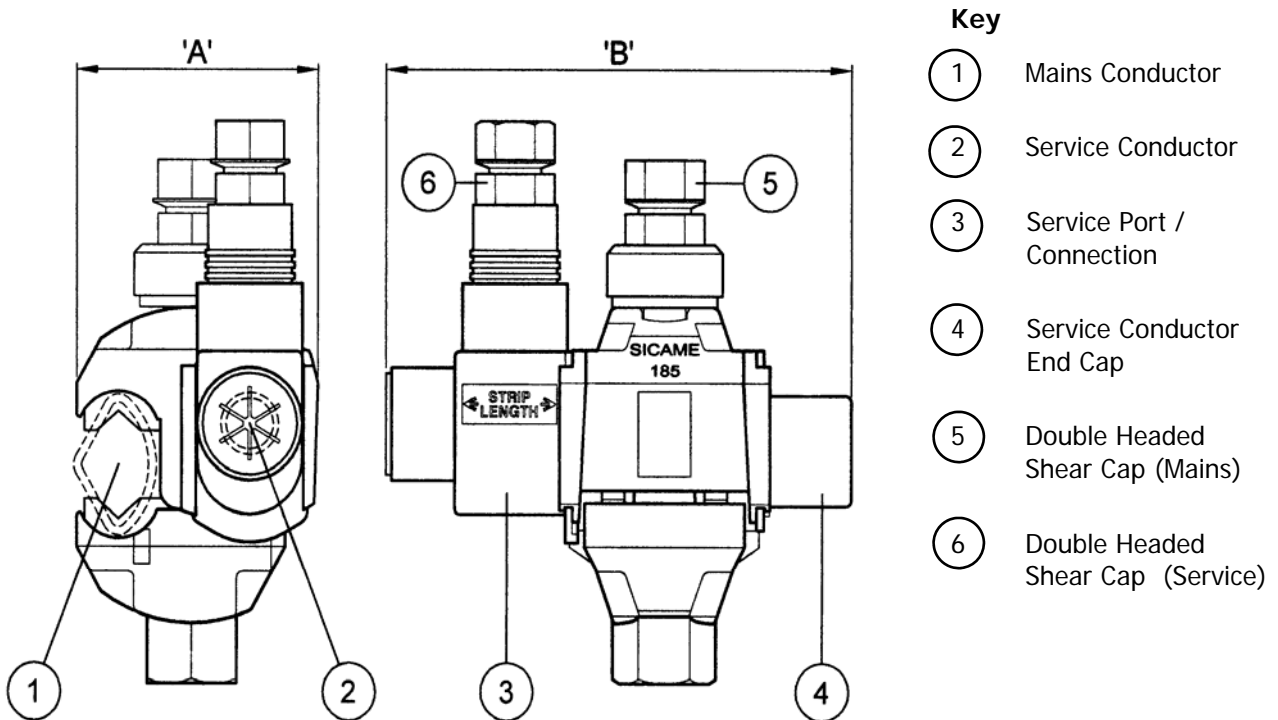
The Hepworth range of LV 'MSD' fully insulated insulation piercing connectors has been specifically designed to improve the level of safety during live jointing by eliminating the need to remove core insulation.

This particular range of connectors provide the facility to not only offer a quick, reliable and inherently safe method for jointing 'live' but also the ability to withstand service 'load pick up'.

The mains and service connections are both fully insulated and torque controlled thereby ensuring a safe and reliable connection.

**MSD Connectors (Single Service)**

**Physical Dimensions**



Connector Ref	Dimensions (mm)	
	A	B
MSD 185/50	46	89
MSD 300/50	52	88

**Fitting Instructions**

1. Assemble the connector to the mains conductor ensuring that the opposing lobes of the conductor are positioned inside the 'v' forms of each connector blade.
2. Finger tighten the bolt, at the same time verifying the alignment of the conductor core before torque tightening the upper hexagon of the shear cap until the head shears.
3. Place the service conductor alongside the service port and strip the outer insulation to the length clearly marked on the side.
4. Place the service conductor into the service port and tighten the upper hexagon of the shear cap until the head shears.