

Overview

Service Insulation Piercing Connectors are made for service connections. The blades of the Service Insulation Piercing Connectors are made of tin-plated copper or aluminium alloy allowing connections to aluminium and/or copper stranded conductors.

Equipped with single shear head screw. Provide a fully sealed, waterproof connection of aluminum and copper main and tap conductors up to 1KV. These bodies are made of plastic with fiberglass allowing high resistance to its environment but also offering superior mechanical properties. A single torque control nut draws the two parts of the connector together and shears off when the teeth have pierced the insulation and made contact with the conductor strands.

End cap is attached to the body. No loose parts could fall to ground during installation. Tested for watertightness at the voltage of 6kV for 1min under water under standard: EN 50483-4, NFC 33-020.

Ease of installation has been combined with excellent mechanical, electrical and environmental characteristics to provide a connector capable of terminating aluminium or copper stranded conductors. Service Insulation Piercing Connectors are an easy fit in copper-to-copper, copper-to-aluminum and aluminum-to-aluminum applications. Designed for splice or tap use, these units are not recommended for use with extra-flexible cables.

Model	SL6	Model
Main Line (mm ²)	120-240	Main Line (mm ²)
Tap line (mm ²)	25-120	Tap line (mm ²)
Norminal Current (A)	276	Norminal Current (A)
Size (mm)	52x68x100	Size (mm)
Weight (g)	360	Weight (g)
Piercing Depth (mm)	3-4	Piercing Depth (mm)