

Connectors: Shearbolt Splice Connectors

3M™ Shearbolt Connector QCI Series

The 3M™ Shearbolt Connector QCI Series offer easy installation without crimp tools or dies and withstands the ANSI C119.4, Class 2 (partial tension) 40% pull out force required by IEEE-404. They connect copper and/or aluminum conductors.

The bolts are designed to shear off just below the outer surface of the connector body to eliminate the need to file, whether you are connecting to American Wire Gauge conductors or metric conductors. These connectors can be used for applications up to 46 kV and can be packed in a kit with 3M™ QS-III Splices or purchased separately. Each connector is electro-tin plated to resist electrolytic corrosion and contain a center stop.

* The 3M™ Splice Kits 5468A and 5536A are sized to cover 35 kV 350–1000 kcmil. Therefore, two shearbolt connectors are required to cover the range.

** Installer should verify that both cables are within the Insulation O.D. Range of the splice kit before using any given QCI connector.

† No centering rings used with this connector.

Barrel Style Shearbolt
Connector Base Metal Aluminum
For use with Copper or Aluminum Conductor
Max. Voltage 35 kV



8-Screw Connector