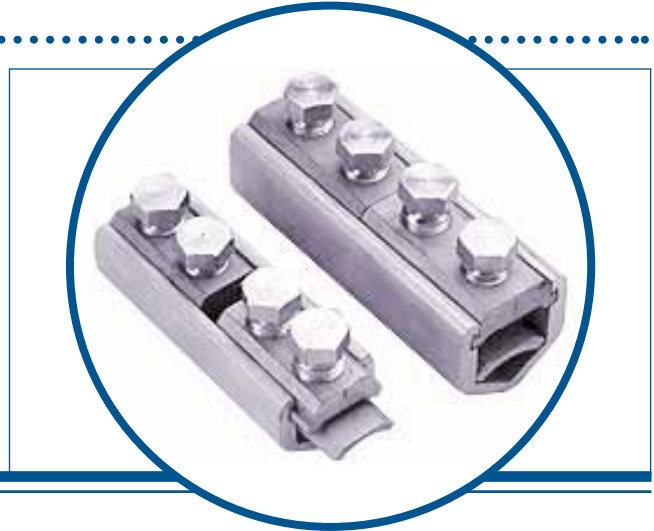


Mechanical Connectors

Straight Through and Parallel Branch

Straight Through and Parallel Branch Mechanical Connectors



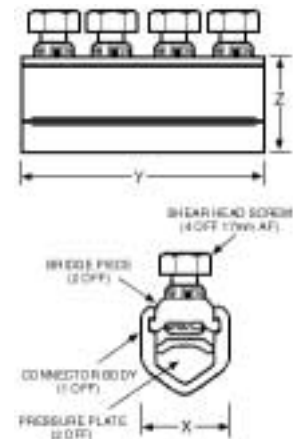
Straight Through

Design Features:

- Quick, clean and simple installation procedures that do not require any craft skill.
- No heat and the absence of aggressive fluxes, mean safer working methods.
- Precise control of critical contact features is built in, giving a connection with long-term reliability - every time!
- High conductivity, stable under 130°C overload and 250°C short circuit conditions, gives complete compatibility with today's high temperature cross-linked polymer insulated cables.

Installation requires just a spanner (17mm AF). A simple hook tool is available to hold the connector firmly during bolt shearing which makes the job even easier.

All connectors are type tested to draft IEC Document No. 91/28490 and the extended load cycling test regime of BS4579.

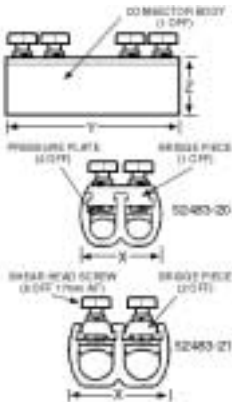


Conductor Size (mm)	X	Y	Z
Up to 185	37.5	100	35
240 and 300	45	120	43.5

Paralled Branch

Benefits:

- Manufactured from extruded 6082 T6 aluminium alloy, internally splined and grit blasted to disrupt the aluminium conductor's surface oxide layer.
- Removable bridge pieces allow easy insertion of the conductors from the top - no need to spring the cable cores.
- Open-topped extrusion eliminates the mechanical weakness that can affect the bridged die extrusion of tubular designs.
- Shear bolts pre-lubricated with low friction coating to reduce thread drag, hence clamping torque is better controlled.
- Cost effective.

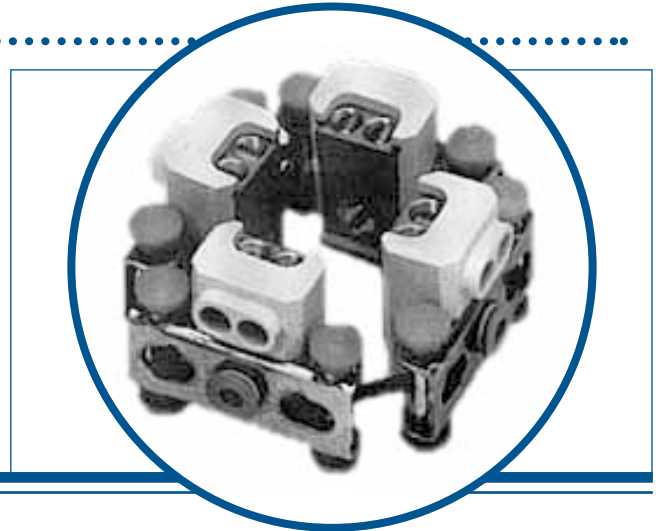


Conductor Size (mm)	X	Y	Z
95-185 Stranded Aluminium 95-150 Stranded Copper	60	130	40
185-300 Stranded Aluminium 185-240 Stranded Copper	75	140	44

Mechanical Connectors

Safe-T Multi Service Connector

The Safe-T connector is a safe, quick and most reliable method for the live jointing of new service connections to existing three-phase mains supply cables.



Design Features:

- Very safe since no insulation is removed from the live main cable until the service connections are completed.
- Simple installation - no special training and few tools required.
- Reliability is designed into the electrical connections by using torque controlled socket headed screws.
- Versatility - suitable for use with 3 & 4 core cables and copper or solid aluminium conductors.
- Economy results from the ability to tap-off up to six single phase or two three-phase services from one joint.
- Suitable for use with paper or polymeric cables.

