# Customized solutions with individualized attention

## Faster delivery of the quality features you want for the reliable power you need.

Eaton's Cooper Power™ series multi-tap junction bars and cable transition modules are designed for vault or apparatus applications and can be used for looping, tapping and sectionalizing. With junction bars and cable transition modules from Eaton, there are no limits to the configurations and combinations of 200 A, 600 A and 900 A junctions. Simple or complex, large or small, we can provide a junction bar or cable transition module to meet your needs.

Eaton's multi-tap junction bars and cable transition modules are designed and manufactured in accordance with IEEE® Std 386™ standard and are interchangeable with all comparably rated separable connectors currently available that meet this standard. Multi-tap junction bars and cable transition modules are designed with your needs in mind and with our short lead times, that means you'll have your solution when you need it.

### Features

- Available in 200 A, 600 A or 900 A current ratings, in multiple combination and configurations:
  - Available with ANSI© or 600 A straight interfaces
  - Universal 200 A bushing wells for 200 A loadbreak or deadbreak inserts
  - Multi-tap junction bars are available for any system requirement
- Vacuum cast from silica-based thermal setting resin:
  - Possesses high dielectric strength
  - Resistant to extreme temperatures
  - Resistant to all acids, alkalis and solvents
  - Superior resistance to mechanical stresses
- Integral mechanical cast design is solid:
  - Module is rigid and will not deform under cable loading
  - Provides excellent fault current withstand
- Encapsulated copper screen for ground shielding:
  - Solid ground is furnished between internal screen and surface of module, providing absolute ground fault protection
  - Internal ground system can not be damaged compared to external systems, extending the life of the module
  - Provides superior safety reducing liabilities
- All-copper current path:
  - 100% copper current path ensures the coolest of operating temperatures and reliable current flow
- IEEE Std 386:
  - Designed and manufactured in accordance with IEEE Std 386 as standard
- Mounting provisions:
  - Standard multi-tap junction bars include stainless steel mounting brackets. U-Straps and stainless steel brackets with parking stands are available on many versions
- Cable transition modules easily transition from paper insulated lead cable (PILC) directly to solid dielectric cable:
  - Separate junction is not required
  - Vault space is optimized
  - Module is fully submersible

EATON

*Powering Business Worldwide*

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Multi-tap junction bars and cable transition modules are designed for vault or apparatus applications and can be used for looping, tapping and sectionalizing applications.

### In-line junction bar

In-line junction bars provide in-line configurations in any combination of 200 A wells and 600/900 A bushings with up to six interfaces.

### "L" splice junction bar

L-splice junction bars provide a rigid connection point for special switching applications and accommodate cable connections where space restrictions limit the ability to bend cable.

### "Y" splice junction bar

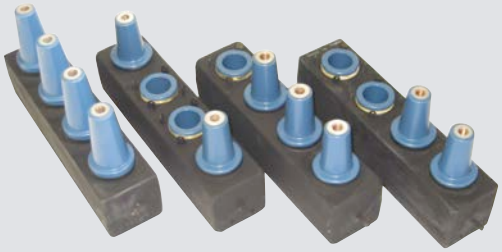
Y-splice junction bars provide a rigid connection point and reduce space requirements for multiple cable connections in three-phase configuration.

### Stacked junction bar

Stacked junction bars provide cable connections beyond the conventional 4-point junction and reduce space requirements for installation with limited clearance.

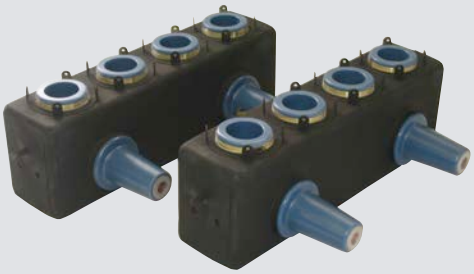
### Cable transition modules

Cable transition modules (CTM) are designed for splicing paper insulated lead cable (PILC) into dielectric cable. CTMs are available for 15 kV, 25 kV or 35 kV in straight-through, tap, and run and tap transition configurations to accommodate any application requirement.



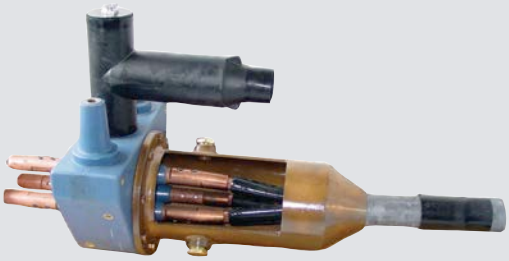
In-line junction bar

"Y" splice junction bar



"L" splice junction bar

Stacked junction bar



Cable transition modules

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