### Features

- Rated for use at voltages up to 25 kV
- Module vacuum cast from silica based thermal setting resin
- Integral mechanical cast design is solid
- Encapsulated copper screen for ground shielding
- Available with combinations of 200 Amp universal bushing wells and 600 Amp bushings
- Accepts both loadbreak and deadbreak inserts
- 200 Amp universal bushing wells are standard equipped with deadbreak bail attachment points
- 200 Amp universal bushing well supplied with replaceable studs
- Studs are electrotinned high strength chromium copper
- Replaceable studs have full length internal hex
- Both vault and sectionalizing cubicle mounting brackets are available

### Benefits

- One unit can meet all voltage requirements.
- Reduces inventory.
- Saves money.
- Possesses high dielectric strength (600V/mil).
- Resistant to extreme temperatures.
- Resistant to all acids, alkalis and solvents, e.g. cable cleaner.
- Prevents amalgamation with rubber inserts and elbows.
- Superior resistance to mechanical stress fracturing.
- Module is rigid and will not deform under cable loading.
- Provides excellent fault current withstand.
- Solid ground is furnished between internal screen and surface of module, providing absolute ground fault protection.
- Increases strength of module casting.
- Internal ground system can not be damaged compared to an external system, extending the life of the module.
- Module ground integrity is not compromised by external abuse or caustic environments.
- Provides superior safety.
- Reduces liability.
- Saves space, all separable connectors can be mounted on one plane.
- Saves time and money, as only one component is required.
- Reduces inventory.
- Offers universal installation capabilities.
- Prevents inadvertent removal of a deadbreak elbow.
- Increases safety.
- Replaceability of individual components lengthens lifespan of unit.
- Reduces downtime.
- Reduces damage resulting from over-torquing.
- Eliminates binding between similar metals.
- Allows removal of stud regardless of its size or condition.
- Adapts to all mounting requirements.

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**Patton & Cooke Co. has the solution to overcrowded junction bar for separable connector installations ... The L Splice & Y Splice**

Patton & Cooke’s L Splice & Y Splice have the same great features as all of our Junction Bars for Separable Connectors ... but there’s more. The unique splice designs allow streamline cable orientation even in the smallest vaults. Installation is done with ease and there is less mechanical stress on connection points. Orderly cable installations also simplify future maintenance and reduce work area safety hazards. The L Splice is available for voltages to 25 kV and now the Y Splice is available for applications up to 35 kV.
### Y Splice - 15/25 kV

<table>
<thead>
<tr>
<th>Illustration (not to scale)</th>
<th>Description</th>
<th>Catalog Number</th>
<th>Dimensions</th>
<th>Weight</th>
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<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Y Splice - 35 kV" /></td>
<td>6 Point Single Phase 2 x 600 Amp 4 x 600 Amp</td>
<td>JBL-2J/2B/2J-19</td>
<td>Length 11 ¾&quot; Width 16 ¾&quot; Height 12&quot;</td>
<td>305 mm 38.0 lb 17.24 kg</td>
<td><img src="image" alt="Y Splice - 35 kV" /></td>
<td>9 Point Three Phase 3 x 200 Amp 3 x 600 Amp</td>
<td>JBY-9A-19</td>
<td>Length 13&quot; Width 16½&quot; Height 6&quot;</td>
<td>39.0 lb 18.0 kg</td>
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</table>

### Y Splice - 35 kV

<table>
<thead>
<tr>
<th>Illustration (not to scale)</th>
<th>Description</th>
<th>Catalog Number</th>
<th>Dimensions</th>
<th>Weight</th>
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<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Y Splice - 35 kV" /></td>
<td>9 Point Three Phase 3 x 600 Amp 3 x 200 Amp 3 x 600 Amp</td>
<td>JBY3-1A/2B-26</td>
<td>Length 20 ⅓&quot; Width 19 ½&quot; Height 9 ⅔&quot;</td>
<td>248 mm 70.0 lb 32.0 kg</td>
<td><img src="image" alt="Y Splice - 35 kV" /></td>
<td>9 Point Three Phase 3 x 200 Amp 3 x 600 Amp</td>
<td>JBY-9J-19</td>
<td>Length 13&quot; Width 18 ½&quot; Height 11 ¾&quot;</td>
<td>289 mm 60.0 lb 27.0 kg</td>
</tr>
</tbody>
</table>

### L Splice - 15/25 kV

<table>
<thead>
<tr>
<th>Illustration (not to scale)</th>
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<th>Dimensions</th>
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</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="L Splice - 15/25 kV" /></td>
<td>3 Point Single Phase 2 x 200 Amp 1 x 200 Amp</td>
<td>JBL-2A/1A-19</td>
<td>Length 13&quot; Width 4 ½&quot; Height 4 ½&quot;</td>
<td>121 mm 14.0 lb 6.5 kg</td>
<td><img src="image" alt="L Splice - 15/25 kV" /></td>
<td>8 Point Single Phase 4 x 200 Amp 2 x 600 Amp</td>
<td>JBL-4A/2B-19</td>
<td>Length 17 ½&quot; Width 10 ½&quot; Height 5 ½&quot;</td>
<td>146 mm 26.0 lb 12.0 kg</td>
</tr>
</tbody>
</table>

**SELECTION REMINDERS:**
1. Standard ratings for 15/25 kV L & Y Splice:
   - Voltage: to 25 kV, Impulse Voltage: to 125 kV BIL,
   - Corona Extinction: to 19 kV
   - Standard ratings for 35 kV Y Splice:
     - Impulse Voltage: 150 kV BIL,
     - Corona Extinction: 26 kV
2. The standard splice is equipped with protective covers and a mounting bracket. Parking stands are optional and sold separately.
3. Many combinations of 200/600 Amp junction bars are available. Create your unique junction bar requirement then contact factory.
4. Note straight receptacle interface.

**ORDERING PROCEDURE:**
1. Determine the following: a. Maximum voltage, kV, b. Current rating, Amp. For 600 Amp, specify standard or straight receptacle interface,
2. Select catalog number of splice.
3. Specify if mounting brackets or parking stands are required.

**Example:** 25 kV (corona extinction = 19 kV), four 200 Amp universal bushing well required straight inline and two 600 Amp standard bushings required at 90 °

**L Splice Catalog Number** JBL-4A/2B-19

*PATTON & COOKE ALSO MANUFACTURES CAPNUT TERMINATIONS (POTHEADS), CABLE TRANSITION MODULES, SUBSTATION CONNECTORS, BUS SUPPORTS, AIRCRAFT WARNING MARKERS AND INSULATORS.*

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