CAT. NO.C-MPJ

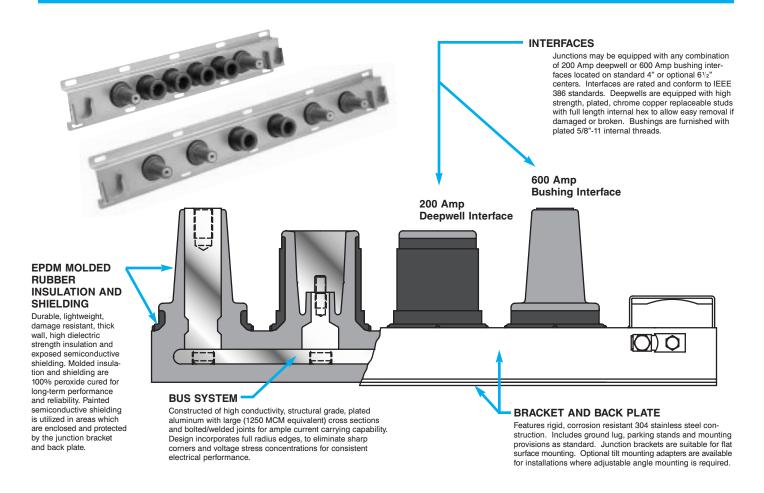
Issue Date 2/2000

ELASTIMOLD[®] MOLDED MULTI-POINT JUNCTIONS

- 2, 3, 4, 5 or 6 Point Junctions with Modular Design Flexibility
- Available with 200 or 600 Amp Interfaces on 4 or 61/2 inch Centers
- 15, 25 or 35kV Voltage Classes
- Padmount, Subsurface or Vault Applications



Thomas Betts



MOLDED MULTI-POINT JUNCTIONS

Elastimold multi-point junctions are available in 2, 3, 4, 5 or 6 point configurations with 15, 25 or 35 kV ratings. Units feature modular design flexibility, allowing selection of any combination of 200 Amp deepwell or 600 Amp bushing interfaces located on standard 4" or optional 6½" centers. Designs incorporate lightweight, damage resistant, EPDM molded rubber construction and corrosion resistant 304 stainless steel mounting brackets. Junctions are maintenance free, fully shielded, deadfront and submersible. Units are ideally suited for subsurface, padmount, indoor and outdoor vault applications.

Elastimold multi-point junctions provide a convenient method for connecting, looping and tapping of 200 and 600 Amp elbows and other accessories at a common location where utilization of space, cable training, flexibility and operability are important.

CERTIFIED TESTS & PERFORMANCE

Elastimold Multi-Point Junctions have been designed and tested per applicable portions of IEEE, ANSI, NEMA and other industry standards including:

- IEEE 386 Standard for Separable Connectors, Bushing Interfaces and Accessories.
- IEEE 592 Standard for Exposed Semiconductive Shielding.
- ANSI C119.4 Standard for Copper and Aluminum Connections.

VOLTAGE RATINGS						
Voltage Class	15kV	25kV		35kV		
Maximum Phase to Ground Operating Voltage	8.3kV	15.2kV		21.1kV		
BIL Impulse Withstand	95kV	125kV		150kV		
One Minute AC Withstand	34kV	40kV		50kV		
Fifteen Minute DC Withstand	53kV	78kV		103kV		
Corona Extinction @ 3 pC Sensitivity	11kV	19kV		26kV		
CURRENT RATINGS						
Interface	200 Amp Deepwell		600 Amp Bushing			
Continuous Current	200 Amp		600 Amp			
Symmetrical 10 Cycle Momentary Current	10,000 Amp		25,000 Amp			
APPLICATION INFORMATION						

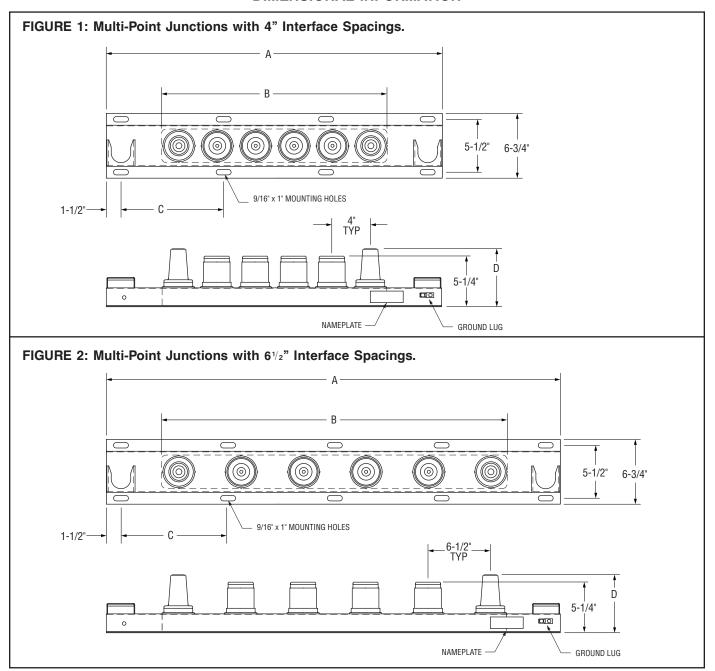
APPLICATION INFORMATION

Construction - Sealed, Submersible, Shielded, Deadfront, Corrosion Resistant

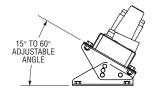
Continuous Current Ratings are based on 65°C Maximum Ambient Temperature and 90°C Maximum Total Operating Temperature.

25kV Voltage Class Products are tested, rated and marked for 28kV (16.2kV phase to ground) applications.

DIMENSIONAL INFORMATION



TYPE OF	PE OF FIGURE 1		FIGURE 2					
JUNCTION	Α	В	С	NUMBER OF MOUNTING HOLES	Α	В	С	NUMBER OF MOUNTING HOLES
J2	15	71/2	6	6	19½	10	81/4	6
J3	19	11 1/2	8	6	26	161/2	111/2	6
J4	23	15½	10	6	321/2	23	97/8	8
J5	27	191/2	12	6	39	291/2	12	8
J6	31	231/2	93/8	8	45½	36	10 ⁵ /8	10



OPTIONAL TILT MOUNTING ADAPTER

ALL DIMENSIONS ARE IN INCHES. D = 6" for 15kV and 25kV Applications and 6^{15} /16" for 35kV Applications.

ORDERING INFORMATION

To specify and order Elastimold Multi-Point Junctions:

- 1. Use Table 1 to construct a catalog number describing the required junction.
- 2. Use Table 2 to select options as required. NOTE: Options are ordered and sold as separate items.

Example A:

To order a 4-point, 15kV Junction with 4" spacings and 600 Amp interfaces on the outside ways and 200 Amp interfaces on the inside ways, specify:

Catalog No. J4-6226-15

Example B:

To order a 6-point, 25kV Junction with $6\frac{1}{2}$ " spacings and 600 Amp interfaces on the ways 1, 3, 4 & 6 and 200 Amp interfaces on ways 2 & 5, specify:

Catalog No. J6-626626-25-SV

Example C:

To order Optional Tilt Mounting Adapters specify:

Catalog No. TMA (Minimum of two required for each installation.)

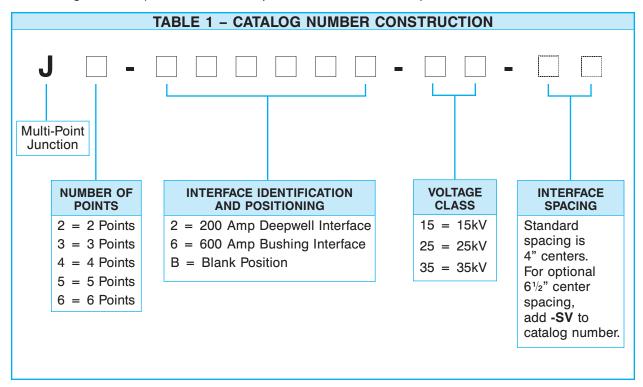


TABLE 2 – OPTIONS				
Option Catalog No.	Description			
ТМА	Tilt Mounting Adapter. Bolts to the bottom of the standard mounting bracket to provide 15, 30, 45 or 60 degree adjustable angle mounting. (A minimum of two Tilt Mounting Adapters are required for each installation.)			



