

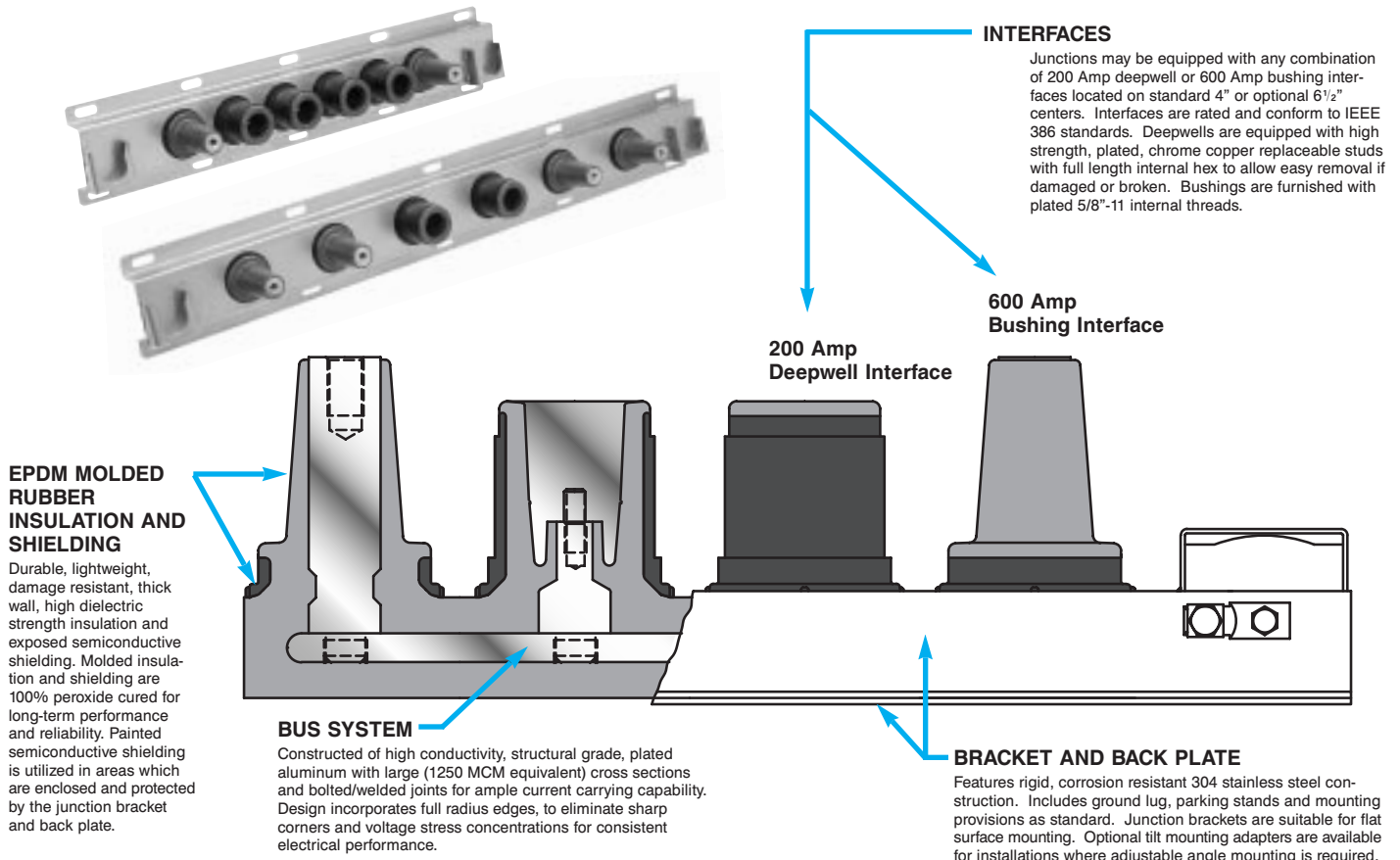
# ELASTIMOLD<sup>®</sup>

## 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 6<sup>1</sup>/<sub>2</sub> 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**

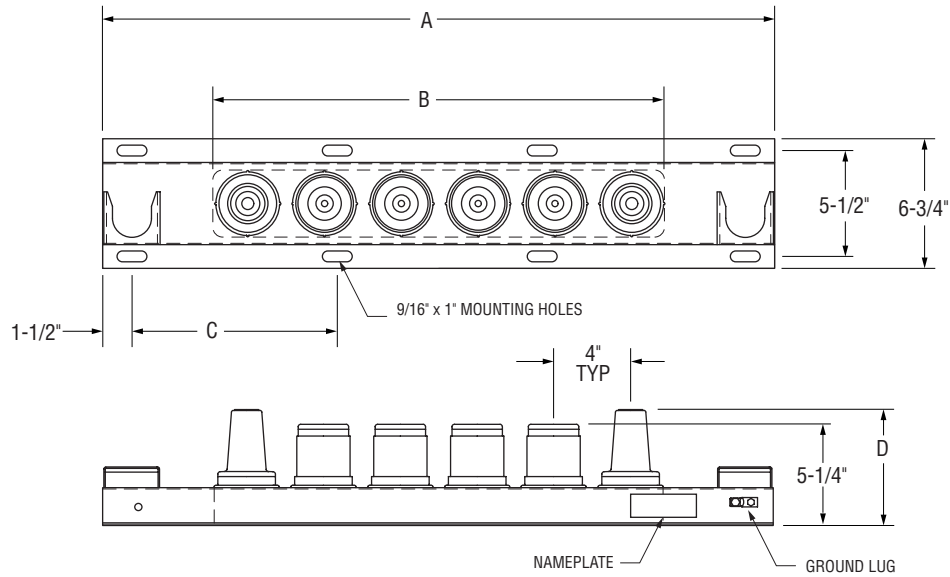
Elastimold Multi-Point Junctions have been designed and tested per applicable portions of IEEE, ANSI, NEMA and other industry standards including:

- 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.

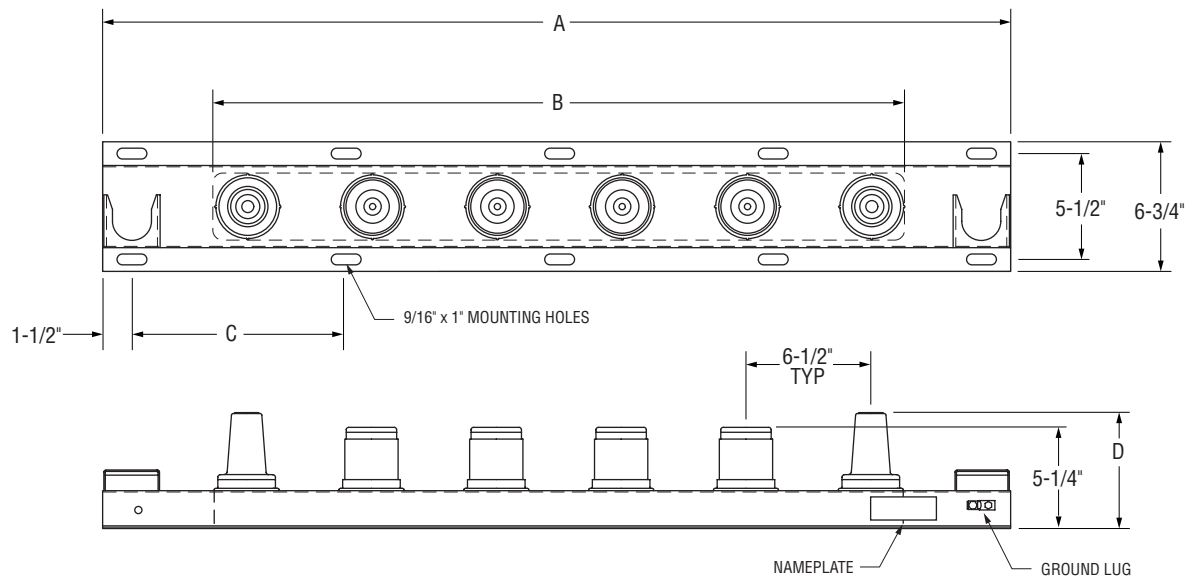
VOLTAGE RATINGS			
Voltage Class	15kV	25kV	35kV
Maximum Phase to Ground Operating Voltage	8.3kV	15.2kV	21.1kV
BIL Impulse Withstand	95kV	125kV	150kV
One Minute AC Withstand	34kV	40kV	50kV
Fifteen Minute DC Withstand	53kV	78kV	103kV
Corona Extinction @ 3 pC Sensitivity	11kV	19kV	26kV
CURRENT RATINGS			
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			
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**

**FIGURE 1: Multi-Point Junctions with 4" Interface Spacings.**

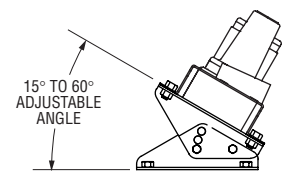


**FIGURE 2: Multi-Point Junctions with 6 1/2" Interface Spacings.**



TYPE OF JUNCTION	FIGURE 1				FIGURE 2			
	A	B	C	NUMBER OF MOUNTING HOLES	A	B	C	NUMBER OF MOUNTING HOLES
J2	15	7 1/2	6	6	19 1/2	10	8 1/4	6
J3	19	11 1/2	8	6	26	16 1/2	11 1/2	6
J4	23	15 1/2	10	6	32 1/2	23	9 7/8	8
J5	27	19 1/2	12	6	39	29 1/2	12	8
J6	31	23 1/2	9 3/8	8	45 1/2	36	10 5/8	10

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



OPTIONAL TILT MOUNTING ADAPTER

