

OVERVIEW

The 15/25kV Deadbreak Junction provides multiple 600 or 900A 15/25kV Deadbreak Bushing interfaces (IEEE 386, Interface 11) connected to a common contact. Junctions are commonly installed in enclosures but also can be mounted directly to an underground structure such as the wall of a vault.

They can be ordered molded with an Aluminum (600A) or a Copper contact (900A). Three configurations are available: 2-Position, 3-Position and 4-Position. Kits are available with U-Straps or Brackets for mounting purposes. Deadbreak Junctions are available with either 4" or 6" spacing between interfaces. For dimensional information, see the last page of this Product Data Sheet.

FEATURES

- Injection Molded & Peroxide-Cured EPDM
- Fully-Shielded/Deadfront
- Designed, Molded, and Tested in the USA

PRODUCT RATINGS

Voltage Ratings	
Maximum Voltage Rating – (phase to ground)	15.2kV
Corona Voltage Level – (partial discharge extinction voltage)	22kV
AC Withstand – (1 minute)	42kV
Impulse-Withstand Voltage – (BIL)	162kV BIL

Continuous Current Ratings	
Aluminum	600A
Copper	900A

Short-Time Current Ratings	
Aluminum	40kA, 10c. & 10kA, 3s.
Copper	40kA, 10c. & 10kA, 3s.

The 15/25kV Deadbreak Junction is qualified to the following industry standards:

- IEEE Std 386: For Separable Insulated Connector Systems
- ANSI C119.4: For Electric Connectors
- IEEE Std 592: For Exposed Semiconducting Shields

15/25/28kV Deadbreak Junctions

APPLICATIONS

-  Outdoor
-  Vaults
-  Enclosures
-  Direct Bury
-  Submersible

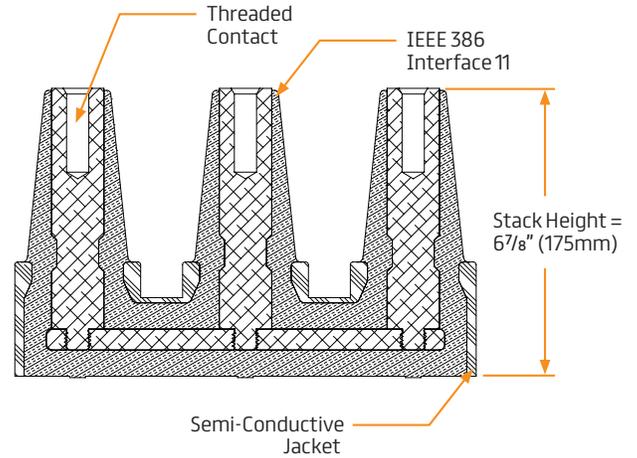
PRODUCTION TESTING

IEEE requires a Partial Discharge test and choice between AC withstand and Impulse.

Prysmian runs 3/3 tests on **ALL** Medium Voltage products governed by IEEE 386.

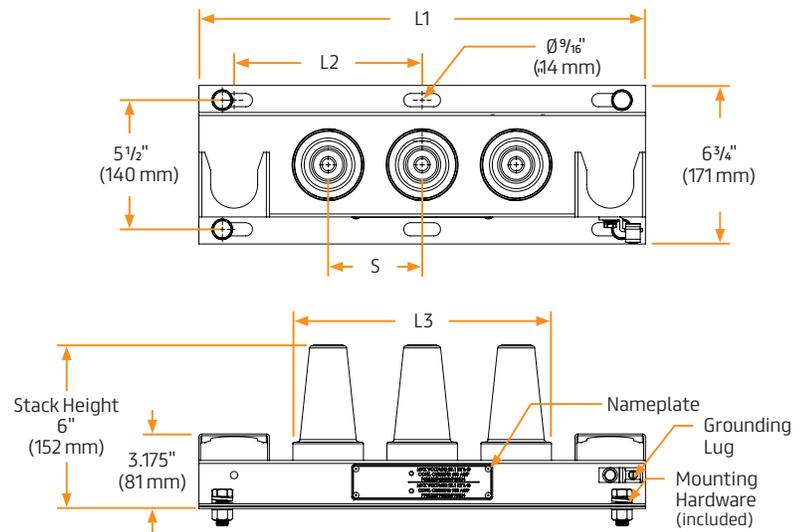
100% Routine Electrical Test:

- Partial Discharge
- AC Withstand
- Impulse Withstand



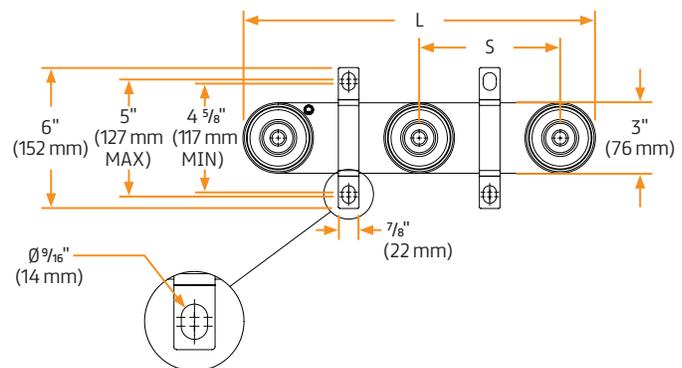
Dimensional Chart - Brackets

# of Positions	Spacing (S)	L1	L2	L3
2	4"	15"	6"	7"
	6"	21"	9"	9"
3	4"	19"	8"	11"
	6"	27"	12"	15"
4	4"	23"	10"	15"
	6"	33"	15"	21"



Dimensional Chart - U-Straps

# of Positions	Spacing (S)	L *
2	4"	7"
	6"	9"
3	4"	11"
	6"	15"
4	4"	15"
	6"	21"



* U Straps for 4" spaced Junctions are available with 5" hole to hole spacing. Contact factory for more information.