

Deadbreak Connecting Plug

FEATURES

- 15/28 kV or 35 kV, 600 or 900A ratings available
- Fully submersible
- Industry standard 5/8 inch - 11 threaded stud used for electrical connection
- Available in either Aluminum or Copper
- Conforms to ANSI/IEEE Standard 386 E

APPLICATIONS

- TE's Raychem Deadbreak Connecting Plug is available in both 15/28 kV and 35 kV class versions. The connecting plug is meant to connect two or more 600/900A deadbreak elbows.
- Typical applications are as a separable cable splice, circuit reconfiguration, or as an expandable, submersible junction.

BENEFITS

- ♦ 900A ratings are achieved by ordering the copper version, but require copper cable and other copper constructed components.
- ♦ Interchangeable with other manufacturers' products that also comply with this standard.



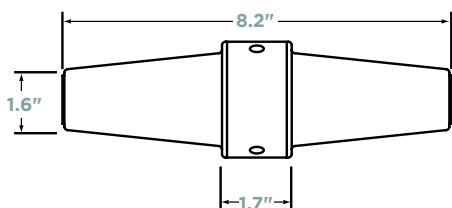
RATINGS

Voltage Class	15/28 kV	35 kV
Max. Rating Phase-to-Ground	16.2 kV	21.1 kV
Max. Rating Phase-to-Phase	28 kV	36.6 kV
AC 1 minute withstand	45 kV	50 kV
DC 15 minute withstand	88 kV	103 kV
BIL and full wave crest	140 kV	150 kV
Minimum Corona Level	21.5 kV (3pC)	26 kV (3pC)
Continuous	600/900A rms	600/900 A rms
24 Hour Overload	1,000A rms	1,000A rms
Momentary:		
600A	25,000 A symmetrical 10 cycles	
600A	10,000 A symmetrical 3.00 sec	
900A	40,000 A symmetrical 10 cycles	
900A	10,000 A symmetrical 3.00 sec	

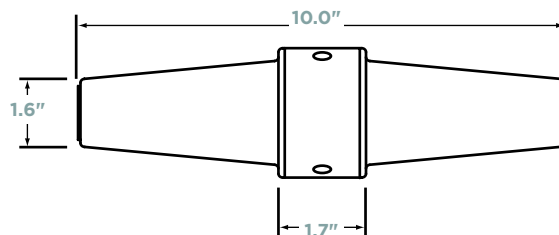
100% PRODUCTION TEST

Minimum Corona level	21.5 kV (3pC)	26 kV (3pC)
AC 1 minute withstand	45 kV	50 kV

15/28 kV Deadbreak Connecting Plug



35 kV Deadbreak Connecting Plug



PRODUCT SELECTION INFORMATION

Catalog Number	Voltage Class	Current Rating	Description
ELB-15/28-600-CP-AL	15/28 kV	600	Aluminum Deadbreak Connecting Plug
ELB-35-600-CP-AL	35 kV	600	Aluminum Deadbreak Connecting Plug
ELB-15/28-900-CP-CU	15/28 kV	600/900	Copper Deadbreak Connecting Plug
ELB-35-900-CP-CU	35 kV	600/900	Copper Deadbreak Connecting Plug

Related test reports: EDR-5511