

Sure-Break™ Elbow

By Hubbell Power Systems
Catalog # 228LES58T

Sure-Break™ Elbow has an increased strike distance between energized and grounded portions of the elbow to enhance switching performance in conditions favorable to partial vacuum flashover



Features

- Meets or Exceeds IEEE Std. 386 and IEEE Std. 592 requirements
- Interchangeable with other products meeting the same requirements
- Tested with a worst case, non vented bushing, to achieve Level 1 (highest level) requirements of IEEE 386 Clause 7.5.2 for partial vacuum flashover
- Two times the amount of strike distance compared to a standard loadbreak elbow
- Fully shielded, insulated and submersible
- Optional features include test point, integral seal, cold shrink jacket seal kit or shield adapter kit

General

Connector Type	Bi-Metal
Integral Seal	No
PROBELOK® Connectors Type	No
With Seal Kit	Load Break Elbows
With Test Point	No
	Yes

Dimensions

Cable Insulation Diameter Maximum	0.92 in
Cable Insulation Diameter Minimum	1.31 in

Electrical Ratings

AC Withstand Voltage (1 min)	45 kV
Amperage Rating	200 A
Basic Impulse Level	125 kV
Corona Extinction (3pC)	21.5 kV
Current Rating	200 A
kV Class	25/28 kV

Conductor Related

Cable Insulation Diameter Range	1.31 - 0.92
Solid or Compacted Conductor	250
Stranded or Compressed Conductor	4/0

Logistics

Standard Package	10
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Product Assets

- [Installation Manuals - IS628BT Installation & Operating Instructions \(TD03048E_IS628BT\)](#)
- [Literature - Loadbreak Elbow Infographic \(GR03087E\)](#)
- [Literature - Hubbell Power Systems Sure-Break Product Line \(SF030668E_28kV\)](#)
- [Sales Drawings - Sure-Break Elbow, 200A 25/28 kV \(228LES\)](#)
- [Video - 200A Loadbreak Elbow Fault Closure \(VI03045E\)](#)
- [Video - Grease Best PRactices \(HPS_CA_UTL_VI_EN_00030\)](#)