

Dead Break Elbow Connector, 600 A



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Our Raychem ELB-15-28 Dead Break Elbow Connectors are available in 600 and 900 Amp, 15 and 28 kV classes designed as T-body Elbow Connectors.



Dead Break Connection Product Availability: **AMERICAS**

Installation Instruction: **English**

Dead Break Connection Voltage Class: **≤ 28 kV**

Bushing Type: **600A**

Insulation: **Polymeric**

Our Dead Break Elbow series (ELB-15/28) is designed to terminate underground cables to high-voltage apparatus such as transformers and switchgear.

They are fully shielded and fully submersible and meet the requirements of IEEE Standard 386. They are interchangeable with other manufacturers' products that conform with this industry standard. The molded semiconducting shield provides ground shield continuity per the requirements of IEEE 592. Meets IEEE 386-2006 specification requirements.

Our ELB-15/28 series are designed for use on extruded (XLPE or EPR) solid dielectric cable. The conductor range is from 1/0 AWG to 1250 kcmil for aluminum or copper conductors with insulation diameters from 0.640" to 1.965". The ELB-15/28-610 and ELB-15/28-910 elbow has a capacitive test point molded into the elbow body which provides a means of sensing voltage and provides an attachment point for test point fault indicators. 900 A ratings can be achieved by ordering the kit with a copper shear bolt terminal.

Key Features

- Peroxide cured EPDM rubber ensures a low tension set and high dielectric strength
- 100% factory production tested for partial discharge and AC Hipot per IEEE 386
- Optional capacitive test point provided on an elbow
- Fits 15/28 kV cables up to 1250 kcmil
- Available for 900 A capability



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Underground Power Networks

Our Raychem Separable Connectors Range

DISCOVER OUR RANGE OF RAYCHEM SEPARABLE CONNECTORS

Features

Product Type Features

Product Family	ELB-15/28
Dead Break Connection Technology	Cold Applied, Separable Connector
Dead Break Connection Connector Type	Crimp, Mechanical
Bushing Type	600A
Insulation	Polymeric
Screened	Yes

Electrical Characteristics

Dead Break Connection Voltage Class (kV)	≤ 28
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Body Features

Dead Break Connection Conductor Material	Aluminum, Aluminum/Copper
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Dimensions

Dead Break Connection Insulation Diameter (mm)	16.3 - 19.3, 18.3 - 21.5
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Cross-Section Range (AWG/kcmil)	#2, 1/0, 2 - 350, 2/0, 350 - 750
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Operation/Application

Application Type	T-Connector
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Non-Toxic & Non-Corrosive Emission	Yes
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Emission Free	Yes
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Halogen Free	Yes
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Free of Lead, Cadmium, Heavy Metals	Yes
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Industry Standards

UL Rating	No
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Design Specification	IEEE 386
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Product Availability

Dead Break Connection Product Availability	AMERICAS
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Other

Installation Instruction	English
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Reference Number

TE Internal Number	CAT-ELB-15-28-DB
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SEE PRODUCTS ON NEXT PAGE

Products (1 of 2)



ELB-15/28-610A2



ELB-15/28-610B2



ELB-15/28-610B10



ELB-15/28-610B20

TE Part #	EB8565-000	EB8571-000	EB8574-000	EB8577-000
Dead Break Connection Technology	Separable Connector	Separable Connector	Separable Connector	Separable Connector
Dead Break Connection Connector Type	Crimp	Crimp	Crimp	Crimp
Dead Break Connection Conductor Material	Aluminum	Aluminum/Copper	Aluminum/Copper	Aluminum/Copper
Dead Break Connection Insulation Diameter	16.3 - 19.3 mm	18.3 - 21.5 mm	18.3 - 21.5 mm	18.3 - 21.5 mm
Cross-Section Range	350 - 750 AWG/kcmil	#2 AWG/kcmil	1/0 AWG/kcmil	2/0 AWG/kcmil
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	RAYCHEM	RAYCHEM	RAYCHEM	RAYCHEM
Series	RAYCHEM ELBC	RAYCHEM ELBC	RAYCHEM ELBC	RAYCHEM ELBC

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

****EU ELV Directive 2000/53/EC**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.

Products (2 of 2)



ELB-15/28-610A-A1



ELB-15/28-610B10-CES1

TE Part #	ED2768-000	ED8986-000
Dead Break Connection Technology	Separable Connector	Cold Applied
Dead Break Connection Connector Type	Mechanical	Crimp
Dead Break Connection Conductor Material	Aluminum	Aluminum/Copper
Dead Break Connection Insulation Diameter	16.3 - 19.3 mm	18.3 - 21.5 mm
Cross-Section Range	2 - 350 AWG/kcmil	1/0 AWG/kcmil
EU RoHS Directive 2011/65/EU	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant
Product Families	RAYCHEM	RAYCHEM
Series	RAYCHEM ELBC	RAYCHEM ELBC

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Related Materials

[Data Sheet](#)

ELB-15/28 SERIES 600/900 AMP 15/28 KV CLASS T-BODY ELBOW CONNECTOR

English

Also in the Series | RAYCHEM ELB



Dead Break Connections(1)



Loadbreak Connections(46)