ANSI SERIES COMPOSITE DEADEND INSULATOR

OVERHEAD LINE APPLICATIONS UP TO 485 kV BIL

KEY FEATURES

- 15,000 lb. tension rating (SML)

- Wide selection of metal end fittings selection

- Reliable tensile performance

- Light-weight for easier installation

- Shed design to minimize insulator length per kV rating

- Shock and vibration resistant

- Good tracking and erosion resistance performance

- Quality design and manufactured in accordance with ISO9001 and ANSI C29.13
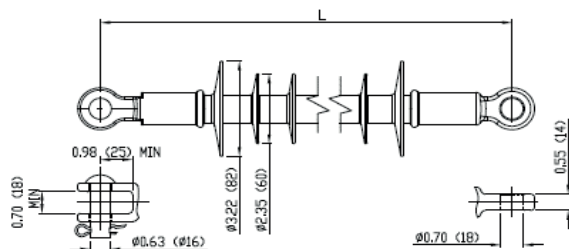
TE Connectivity (TE) offers a complete range of silicone suspension / tension insulators for overhead line applications up to 485 kV BIL.

Our complete portfolio of insulators is designed to fit a wide selection of metal end fittings. The portfolio includes numerous lengths and creepage configurations to fit the requirements of your application. TE's compact insulator profile has the same shed diameter to maximize flashover performance in polluted environments over a minimum insulator length.

Our suspension / tension insulators are made of silicone, a hydrophobic material with proven tracking and erosion resistance and high technical performance in a wide range of climatic and pollution conditions.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

End Fitting - Clevis per ANSI C29.13 (Forged*)
Tongue per ANSI C29.13 (Forged*)
Round Head Pin - Galvanized Pin
Split Pin - Stainless Steel
SML - 15000 Lbs
Routine Test - 7,850 Lbs

Additional end fittings are available upon request

Part description key

TE-	XXXX-	XX -	XX
Company Designation	ANSI Class	End ftgs.	Fitting Type/specials

PRODUCT SPECIFICATION

TCPN	DESCRIPTION	ANSI CLASS	CREEPAGE DISTANCE INCHES (MM)	DRY ARC DISTANCE INCHES (MM)	LOW FREQUENCY FLASHOVER-DRY (KV)	LOW FREQUENCY FLASHOVER-WET (KV)	POSITIVE CRITICAL IMPULSE FLASHOVER (KV)	RADIO INFLUENCE TEST VOLTAGE (KV)	MAX RIV (MV)	SPECIFIED MECHANICAL LOAD LB (KN)	MINIMUM TORSIONAL LOAD FT.LB (N.M)	SECTION LENGTH L INCHES (MM)	APPROX. WEIGHT (KG)	STD PACK QTY
EP0241-000	TE-DS15-CT-11	DS-15	15.3 (390)	7.8 (200)	100	85	150	15	<10	15,730 (70)	35 (48)	13 (330)	0.93	36
EP0242-000	TE-DS28-CT-11	DS-28	25 (635)	12.2 (310)	130	100	190	20	<10	15,730 (70)	35 (48)	17.6 (447)	1.05	18
EP0243-000	TE-DS35-CT-11	DS-35	32.2 (820)	15.7 (400)	175	155	250	30	<10	15,730 (70)	35 (48)	21 (534)	1.14	18
EP0244-000	TE-DS46-CT-11	DS-46	37.2 (945)	18.11 (460)	200	185	280	30	<10	15,730 (70)	35 (48)	23.30 (592)	1.2	18
EP0245-000	TE-DS69-CT-11	DS-69	49.2 (1250)	23.81 (605)	245	225	360	45	<10	15,730 (70)	35 (48)	29 (737)	1.35	18

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TE connectivity