

SUSPENSION INSULATOR

OVERHEAD LINE APPLICATIONS UP TO 485 kV BIL

KEY FEATURES

- 70kN 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

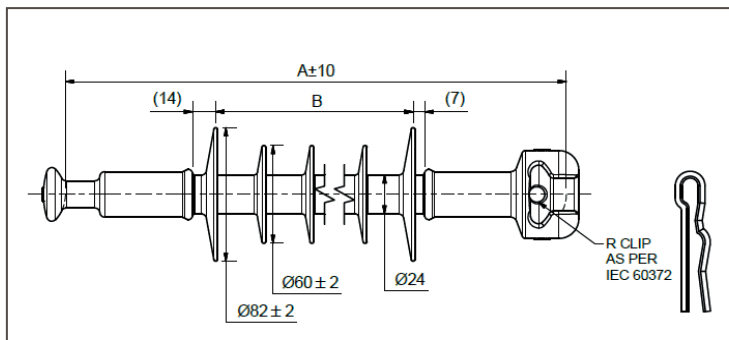
TE Connectivity (TE) offers a complete range of silicone suspension / tension insulators for overhead line applications up to 485 kV BIL.

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.

Suspension Insulator



Top Fitting - Ball Fitting per IEC 120-16 (Forged)
Bottom Fitting - Socket Fitting per IEC 120-16A (Cast)
R Clip - SS 304 per IEC 60372
SML - 70 kN
Routine Test - 35 kN

Part description key

CS - Composite Suspension
XX - SML Top/Bottom End Fittings
XX - BIL (kV)
XXXX - Creepage distance (mm)
X - Mfg. Style
XX - Special Code

PRODUCT SPECIFICATION

TCPN	DESCRIPTION	SHEDS	NOMINAL CREEPAGE (mm)	NOMINAL DRY ARC (mm)	DRY AC WITHSTAND (kV)	WET AC WITHSTAND (kV)	DRY AC FLASH-OVER (kV)	WET AC FLASH-OVER (kV)	LIGHTNING IM-PULSE WITHSTAND (kV)	LIGHTNING IM-PULSE FLASH-OVER (kV)	A (mm)	B (mm)	AP-PROX. WEIGHT (KG)	STD PACK QTY
EP0977-000	CS-70-BS-125-0340-M-01	5	340	173	80	60	90	75	125	130	290	116	0.80	36
EP0978-000	CS-70-BS-140-0400-M-01	6	400	202	90	75	100	90	140	150	319	145	0.83	36
EP0979-000	CS-70-BS-155-0460-M-01	7	460	231	100	90	110	90	155	165	348	174	0.86	36
EP0980-000	CS-70-BS-170-0520-M-01	8	520	260	110	90	120	105	170	180	377	203	0.89	18
EP0981-000	CS-70-BS-185-0585-M-01	9	585	289	120	105	130	120	185	195	406	232	0.92	18
EP0982-000	CS-70-BS-205-0645-M-01	10	645	318	130	120	135	120	205	210	435	261	0.95	18
EP0983-000	CS-70-BS-210-0705-M-01	11	705	347	140	120	145	135	210	220	464	290	0.98	18
EP0984-000	CS-70-BS-220-0765-M-01	12	765	376	150	135	155	150	220	230	493	319	1.01	18
EP0985-000	CS-70-BS-230-0830-M-01	13	830	405	160	150	165	155	230	245	522	348	1.04	18
EP0986-000	CS-70-BS-245-0890-M-01	14	890	434	170	160	175	165	245	260	551	377	1.07	18
EP0987-000	CS-70-BS-270-0950-M-01	15	950	463	180	165	185	180	270	275	580	406	1.10	18
EP0988-000	CS-70-BS-285-1010-M-01	16	1010	492	185	175	195	190	285	300	609	435	1.13	18
EP0989-000	CS-70-BS-310-1075-M-01	17	1075	521	195	185	205	200	310	325	638	464	1.16	18
EP0990-000	CS-70-BS-320-1135-M-01	18	1135	550	205	190	215	210	320	340	667	493	1.19	18
EP0991-000	CS-70-BS-335-1195-M-01	19	1195	579	215	195	225	210	335	355	696	522	1.22	18
EP0992-000	CS-70-BS-350-1255-M-01	20	1255	608	225	210	235	225	350	360	725	551	1.25	18
EP0993-000	CS-70-BS-370-1320-M-01	21	1320	637	235	225	245	240	370	390	754	580	1.28	18
EP0994-000	CS-70-BS-385-1380-M-01	22	1380	666	245	225	255	240	385	405	783	609	1.31	64
EP0995-000	CS-70-BS-400-1440-M-01	23	1440	695	255	240	265	255	400	420	812	638	1.34	64
EP0996-000	CS-70-BS-415-1500-M-01	24	1500	724	265	255	275	270	415	435	841	667	1.37	64
EP0997-000	CS-70-BS-430-1565-M-01	25	1565	753	275	255	285	270	430	455	870	696	1.40	64
EP0998-000	CS-70-BS-445-1625-M-01	26	1625	782	285	270	290	285	445	470	899	725	1.43	64
EP0999-000	CS-70-BS-460-1685-M-01	27	1685	811	295	280	300	295	460	485	928	754	1.46	64
EPI000-000	CS-70-BS-475-1745-M-01	28	1745	840	305	285	310	300	475	500	957	783	1.49	64

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