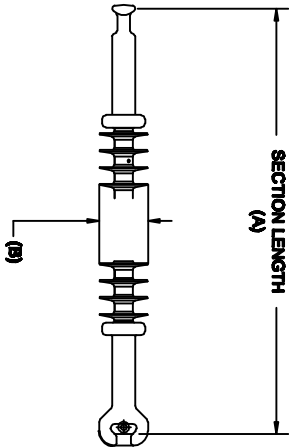


OHIO BRASS QUADRI[®]SIL SUSPENSION INSULATOR

CAT NO.:	S025025S3010	
REV:	00	March 4, 2018



HUBBELL POWER SYSTEMS, INC.
CUSTOMER SERVICE: (573) 682-5521
www.hubbellpowersystems.com



MECHANICAL VALUES

	LBS	KN
SPECIFIED TENSILE LOAD (STL)	25000	111
MAX DESIGN TENSILE LOAD (RTL)	12500	55.5

ELECTRICAL VALUES

60 HZ DRY FLASHOVER (DRY WITHSTAND)	275	KV
60 HZ WET FLASHOVER (WET WITHSTAND)	260	(195)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	450	(405)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	430	(385)
RIV AT 115% SYSTEM VOLTAGE	≤100	μV

DIMENSIONAL VALUES

SECTION LENGTH (A)	IN.	MM
MAJOR SHED DIAMETER (B)	36.4	924
MINOR SHED DIAMETER (C)	2.9	73
DRY ARC DISTANCE	0	0
SHEATH THICKNESS	25.8	655
LEAKAGE DISTANCE	>0.118	>3
	66	1676

END FITTINGS AND MATERIALS

LINE END: ANSI_52-5_BALL / GALV STEEL
TOWER END: ANSI_SOCKET / GALV STEEL

NOTES:

1. SILICONE RUBBER SHEATH AND SHEDS, WASHABLE PER IEEE P957
2. ELECTRICAL VALUES PER ANSI C29.17 (IEC 61109 & 62217)

OTHER DETAILS

CORONA RING (TOWER)	NONE
CORONA RING (LINE)	NONE
TORQUE REQUIREMENTS	N/A
MOUNTING ANGLE	-
NUMBER OF SHEDS	24
WEIGHT	6.7 lbs.

3 kg.