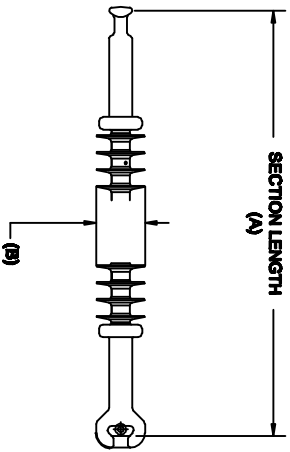


OHIO BRASS QUADRI-SIL SUSPENSION INSULATOR

CAT NO.:	S025043S3010	
REV.:	00	March 4, 2018



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



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

ELECTRICAL VALUES		KV
60 HZ DRY FLASHOVER (DRY WITHSTAND)	460	-
60 HZ WET FLASHOVER (WET WITHSTAND)	435	(325)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	730	(655)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	725	(650)
RIV AT 115% SYSTEM VOLTAGE	≤100	μV

DIMENSIONAL VALUES		IN.	MM
SECTION LENGTH (A)	53.7	1363	
MAJOR SHED DIAMETER (B)	2.9	73	
MINOR SHED DIAMETER (C)	0	0	
DRY ARC DISTANCE	43.1	1094	
SHEATH THICKNESS	>0.118	>3	
LEAKAGE DISTANCE	110	2794	

END FITTINGS AND MATERIALS

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

NOTES:

- SILICONE RUBBER SHEATH AND SHEDS, WASHABLE PER IEEE P957
- 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	40
WEIGHT	8.3 lbs. 3.8 kg.