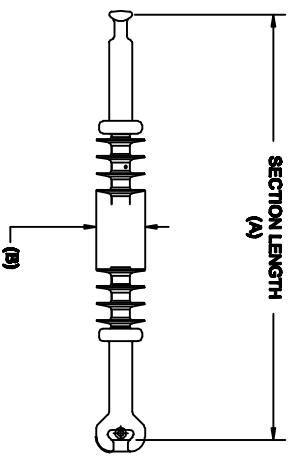


OHIO BRASS QUADRI-SIL SUSPENSION INSULATOR

CAT NO.:	S025030S3010	
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		
60 HZ DRY FLASHOVER (DRY WITHSTAND)	315	-
60 HZ WET FLASHOVER (WET WITHSTAND)	305	(225)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	525	(470)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	510	(455)
RIV AT 115% SYSTEM VOLTAGE	≤100	μV

DIMENSIONAL VALUES		
SECTION LENGTH (A)	IN.	MM
	40.7	1033
MAJOR SHED DIAMETER (B)	2.9	73
MINOR SHED DIAMETER (C)	0	0
DRY ARC DISTANCE	30.2	767
SHEATH THICKNESS	>0.118	>3
LEAKAGE DISTANCE	77	1955

- 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	28	
WEIGHT	7.1 lbs.	3.2 kg.