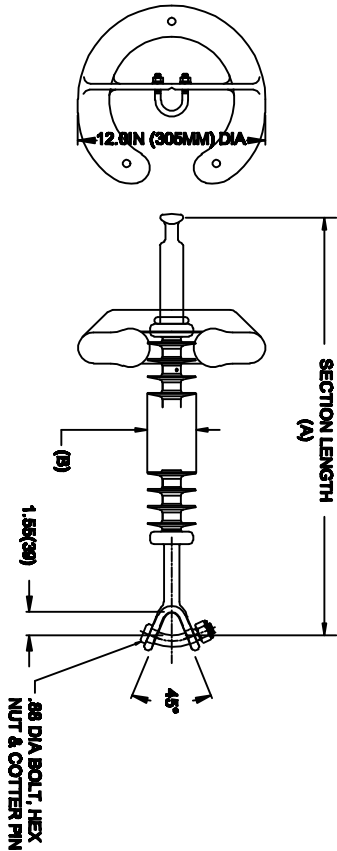


OHIO BRASS QUADRI[®]SIL SUSPENSION INSULATOR

CAT NO.:	S050116S201B	
REV:	00	March 4, 2018



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



MECHANICAL VALUES	LBS	KN
MAX DESIGN TENSILE LOAD (RTL)	50000	222
SPECIFIED TENSILE LOAD (STL)	25000	111

ELECTRICAL VALUES	KV
60 HZ DRY FLASHOVER (DRY WITHSTAND)	1050 -
60 HZ WET FLASHOVER (WET WITHSTAND)	965 (720)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	1795 (1615)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	1835 (1650)
RIV AT 115% SYSTEM VOLTAGE	≤100 μV

DIMENSIONAL VALUES	IN.	MM
SECTION LENGTH (A)	130.8	3322
MAJOR SHED DIAMETER (B)	3.1	78
MINOR SHED DIAMETER (C)	0	0
DRY ARC DISTANCE	115.3	2928
SHEATH THICKNESS	>0.118	>3
LEAKAGE DISTANCE	297	7543

END FITTINGS AND MATERIALS

TOWER END: ANSI_52-11 BALL / GALV STEEL
LINE END: Y-CLEVIS / GALV STEEL

NOTES:

1. SILICONE RUBBER SHEATH AND SHEDS, WASHABLE PER IEEE P957
2. ELECTRICAL VALUES PER ANSI C29.17 (IEC 61109 & 62217)
3. CORONA RING SHIPPED WITH BUT NOT ATTACHED TO INSULATOR.

OTHER DETAILS

CORONA RING (TOWER)	NONE
CORONA RING (LINE)	271705-3002 12.0 IN
TORQUE REQUIREMENTS	10 ft.-lb
MOUNTING ANGLE	-
NUMBER OF SHEDS	108
WEIGHT	23.9 lbs. 10.8 kg.