

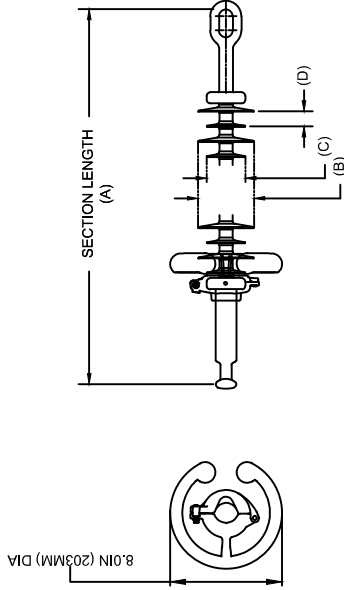
OHIO BRASS QUADRI*SIL SUSPENSION INSULATOR

CAT NO.: S025047H001A

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	KV
60 HZ DRY FLASHOVER (DRY WITHSTAND)	500 -
60 HZ WET FLASHOVER (WET WITHSTAND)	465 (345)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	795 (715)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	790 (710)
RIV AT 115% SYSTEM VOLTAGE	≤100 μV

DIMENSIONAL VALUES	IN.	MM
SECTION LENGTH (A)	59.2	1503
MAJOR SHED DIAMETER (B)	4	101
MINOR SHED DIAMETER (C)	2.8	71
DRY ARC DISTANCE	47.2	1198
SHEATH THICKNESS	>0.118	>3
LEAKAGE DISTANCE	142	3606
SHED SPACING (D)	1.08	27.4
CORE ROD DIAMETER	0.625	15.9

END FITTINGS AND MATERIALS

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

NOTES:

1. SILICONE RUBBER SHEATH AND SHEDS. WASHABLE PER IEEE P957
2. ELECTRICAL VALUES PER ANSI C29.12 (IEC 61109 & 62217)
3. CORONA RING SHIPPED WITH BUT NOT ATTACHED TO INSULATOR.

OTHER DETAILS

CORONA RING (TOWER)	NONE
CORONA RING (LINE)	PSPISCRCL0083Q58 8.0 IN
TORQUE REQUIREMENTS	4 ft.-lb
MOUNTING ANGLE	-
NUMBER OF SHEDS	44
WEIGHT	12.1 lbs. 5.5 kg.