

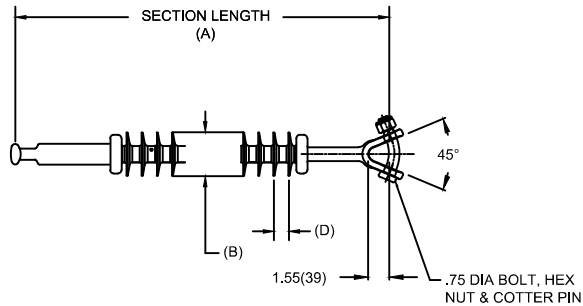
OHIO BRASS QUADRI*SIL SUSPENSION INSULATOR

CAT NO.: S025021S2010

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)	220	-
60 HZ WET FLASHOVER (WET WITHSTAND)	210	(155)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	370	(330)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	350	(315)
RIV AT 115% SYSTEM VOLTAGE	≤100 μV	

DIMENSIONAL VALUES	IN.	MM
SECTION LENGTH (A)	33.3	845
MAJOR SHED DIAMETER (B)	2.9	73
MINOR SHED DIAMETER (C)	0	0
DRY ARC DISTANCE	21.5	546
SHEATH THICKNESS	>0.118	>3
LEAKAGE DISTANCE	55	1397
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: Y-CLEVIS / GALV STEEL

NOTES:

1. SILICONE RUBBER SHEATH AND SHEDS. WASHABLE PER IEEE P957
2. ELECTRICAL VALUES PER ANSI C29.12 (IEC 61109 & 62217)

OTHER DETAILS

CORONA RING (TOWER)	NONE
CORONA RING (LINE)	NONE
TORQUE REQUIREMENTS	N/A
MOUNTING ANGLE	-
NUMBER OF SHEDS	20
WEIGHT	6.3 lbs. 2.8 kg.

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