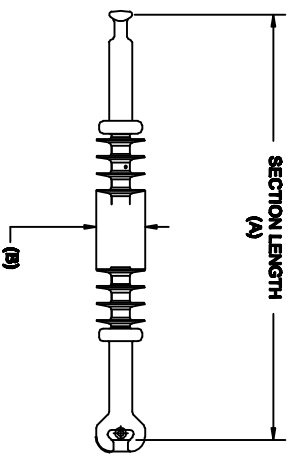


OHIO BRASS QUADRI-SIL SUSPENSION INSULATOR

| | | |
|----------|--------------|---------------|
| CAT NO.: | S025023S3010 | |
| 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) | 250 | - |
| 60 HZ WET FLASHOVER (WET WITHSTAND) | 235 | (175) |
| CRITICAL IMPULSE FLASHOVER + (WITHSTAND) | 415 | (370) |
| CRITICAL IMPULSE FLASHOVER - (WITHSTAND) | 395 | (355) |
| RIV AT 115% SYSTEM VOLTAGE | | ≤100 μV |

| | | | |
|---------------------------|--------|------|----|
| DIMENSIONAL VALUES | | IN. | MM |
| SECTION LENGTH (A) | 34.3 | 871 | |
| MAJOR SHED DIAMETER (B) | 2.9 | 73 | |
| MINOR SHED DIAMETER (C) | 0 | 0 | |
| DRY ARC DISTANCE | 23.7 | 601 | |
| SHEATH THICKNESS | >0.118 | >3 | |
| LEAKAGE DISTANCE | 60 | 1524 | |

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 | 22 |
| WEIGHT | 6.5 lbs. 2.9 kg. |