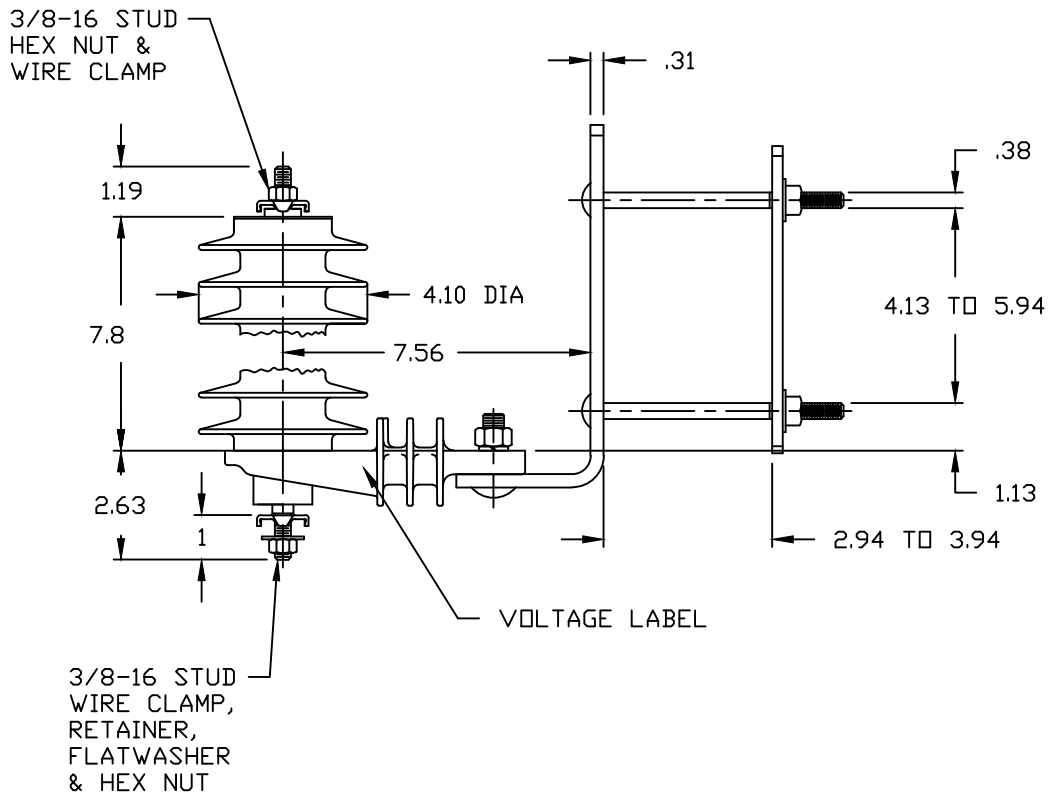


NOTES:

1. DIMENSIONS SUBJECT TO +/- 3% TOLERANCE
2. LEAKAGE DISTANCE (Inches) - 25.2
3. ALTITUDE 0-12000 FT. ABOVE SEA LEVEL
4. WEIGHT OF UNIT INCLUDING HARDWARE - 6.9 LB.
5. MAXIMUM CONTINUOUS LINE-TO-GROUND OPERATING VOLTAGE 15.3 kV MCOV
6. VOLTAGE RATING 18 kV RMS.



| MAXIMUM DISCHARGE VOLTAGE (kV) |                 |                        |        |      |       |       |
|--------------------------------|-----------------|------------------------|--------|------|-------|-------|
| FDW                            | SWITCHING SURGE | 8/20 LIGHTNING IMPULSE |        |      |       |       |
| 10 kA                          | 500 A           | 1.5 kA                 | 3.0 kA | 5 kA | 10 kA | 20 kA |
| 63.1                           | 41.7            | 45.6                   | 48.8   | 51.7 | 56.4  | 64.1  |

|                                                                         |                                                                                                                                                                                                                                                                                                            |                                |          |                       |               |              |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------|-----------------------|---------------|--------------|
| DISTRIBUTION<br><br>ARRESTER<br><br>IEEE HEAVY DUTY<br><br>IEC DH CLASS |  <b>HUBBELL® POWER SYSTEMS</b>                                                                                                                                                                                          | TITLE                          |          |                       |               |              |
|                                                                         |                                                                                                                                                                                                                                                                                                            | PDV-100 OPTIMA<br>15.3 KV MCOV |          |                       |               |              |
|                                                                         |                                                                                                                                                                                                                                                                                                            | SIZE                           | DWG NO.  | CAT / PART / ASSY NO. | REV           |              |
| REV DATE                                                                | CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS. | S                              | ALES7XXX | 213715-7224           | 35            |              |
| 01/26/22                                                                |                                                                                                                                                                                                                                                                                                            | DO NOT SCALE THIS DRAWING      |          | DRN BY NON            | DATE 06/17/00 | SHEET 1 OF 1 |