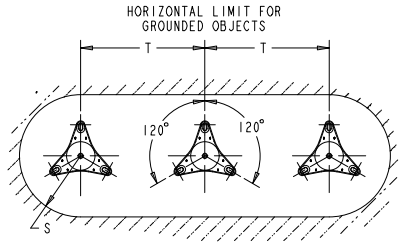
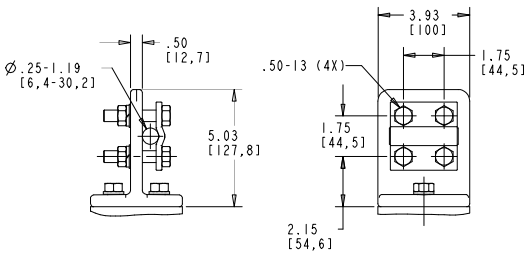
| STYLE NO. | DUTY CYCLE kV | MCOV kVrms | HEIGHT H | | HEIGHT H1 | | HEIGHT H2 | | CREEPAGE | | LBS | kg | MINIMUM CLEARANCE FROM CENTERLINE | | | | SCE SAP NO. | FIGURE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | S PHASE TO GROUND | | T PHASE TO PHASE | | | |
| | | | IN | MM | IN | MM | IN | MM | IN | MM | | | IN | MM | IN | MM | | |
| Q060SB048ASCE | 60 | 48 | 42.4 | 1076 | 18.1 | 460 | 18.1 | 460 | 84.4 | 2144 | 62 | 28.1 | 18 | 457 | 21 | 533 | 10109166 | 1 |
| Q072SA057ASCE | 72 | 57 | 42.4 | 1076 | 18.1 | 460 | 18.1 | 460 | 84.4 | 2144 | 62 | 28.1 | 20 | 508 | 23 | 584 | 10109167 | 1 |
| Q090SA070ASCE | 90 | 70 | 50.3 | 1278 | 26.0 | 660 | 18.1 | 460 | 109.2 | 2774 | 76 | 34.5 | 23 | 584 | 26 | 660 | 10109158 | 2 |
| Q096SA076BSCE | 96 | 76 | 50.3 | 1278 | 26.0 | 660 | 18.1 | 460 | 109.2 | 2774 | 76 | 34.5 | 25 | 635 | 27 | 686 | 10109168 | 2 |

NOTES:

1. INCREASE CLEARANCES "S" & "T" 3% PER 1,000 FT. [304.8 m] OVER 6,000 FT. [1828.8 m]
2. ARRESTER ASSEMBLY CONSISTS OF ARRESTER UNIT, LINE & GROUND TERMINALS WITH CLAMPS, AND 0.500 INCH HARDWARE.
3. MINIMUM DIMENSIONS FOR ARRESTERS, OTHER APPARATUS STANDARDS, OTHER SPECIFICATIONS OR LOCAL CODES MAY REQUIRE GREATER SPACING.
4. PRESSURE RELIEF CLASS IS 63 kA RMS SYMMETRICAL.
5. LINE & GROUND TERMINALS CAN ACCOMODATE CU OR AL CABLE SIZE NO. 2 TO 1000 MCM (.250" TO 1.188") DIA.
6. MTG. SLOTS FOR .500 DIA HARDWARE (3) EQUALLY SPACED ON 8.75 [222] OR 10.00 [254] B.C. THICKNESS OF LUG = 0.88 [22.35]




HORIZONTAL 3∅ INSTALLATION LAYOUT




DETAIL A
(ENLARGED)
SCALE 0.375
LINE TERMINAL (ALUMINUM)

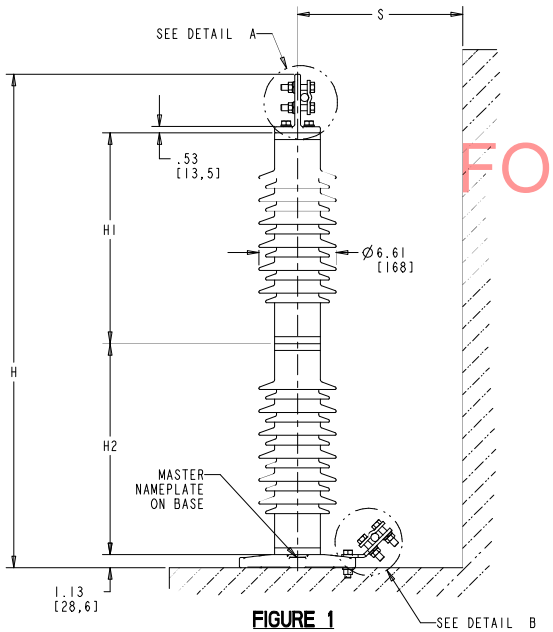



FIGURE 1

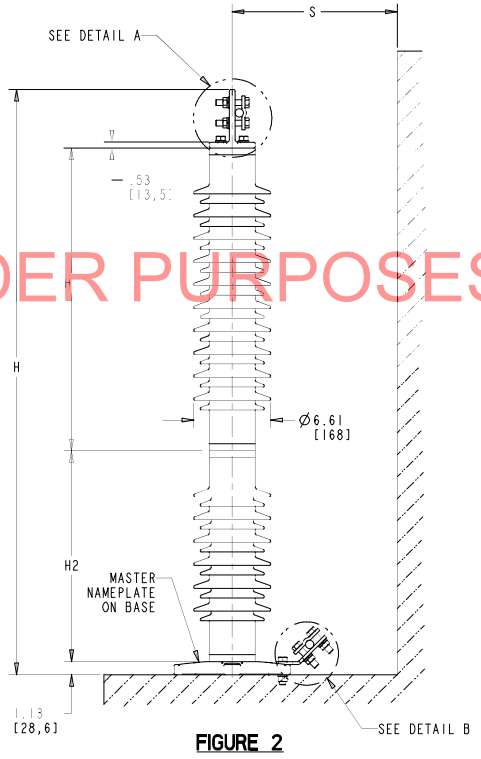
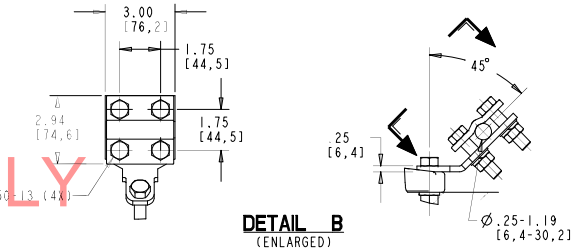
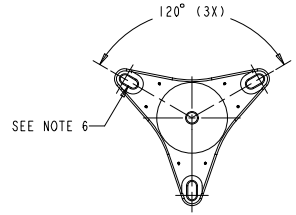



FIGURE 2




DETAIL B
(ENLARGED)
SCALE 0.375
GROUND TERMINAL (GALVANIZED)
(CAN BE ATTACHED TO ANY LUG)




DRILLING PLAN
(ENLARGED)
SCALE 0.250

FOR TENDER PURPOSES ONLY

| REV. | DESCRIPTION & DATE |
|---|---|
| 01 | OCTOBER 4, 2006<br>PREVIOUS REVISIONS ARCHIVED AND DRAWING UPDATED FROM XFS TO POLIM-S FORMAT<br>STYLE CHART:<br>Q060SB048ASCE ADDED<br>ALL STYLES CREEPAGE AND WEIGHT UPDATED<br>SEE SAP NO. ADDED<br>NOTE 4: 63 kA WAS 80 kA<br>LINE TERMINAL TOP VIEW DELETED<br>ALUMINUM ADDED TO LINE TERMINAL CALLOUT<br>(GALVANIZED) ADDED TO GROUND TERMINAL CALLOUT<br>TITLE UPDATED<br>STYLE Q096SA076BSCE:<br>FIGURE 2 WAS 3<br>DETAIL A - Ø.25-1.19 WAS Ø.25-1.15<br>DETAIL B - Ø.25-1.19 WAS Ø.25-1.15<br>3.00 ADDED, 2.94 ADDED, .25 ADDED<br>DJK |
| 04 | AUGUST 14, 2013 |

ALL DIMENSIONS IN INCH [MM] UNLESS NOTED

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POLIM-S METAL OXIDE
POLYMER ARRESTER
60 - 96 kV OUTLINE
FOR SCE

ABB Inc.
Power Products Division
100 Distribution Circle, Mt Pleasant, PA 15666

| | |
|---|---|
| CAD DRW PRO/E WILDFIRE 2.0 | |
| SCALE 0.07 | SHEET 1 OF 1 |
| ASSY. DWG. | |
| DWN R. DELONGA | 4F5086 REV. 4 |
| CHKD | |
| APPD | |

pro_e-bdr-d

4F5086 DRW