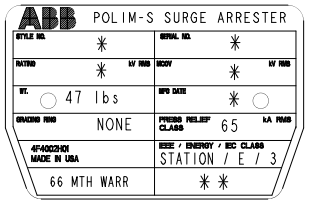
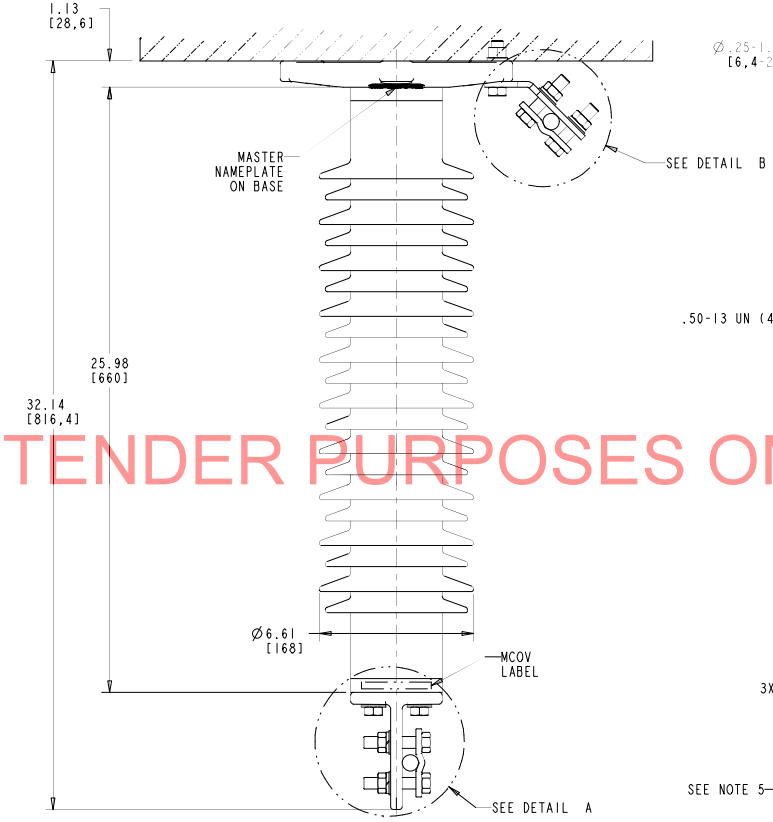
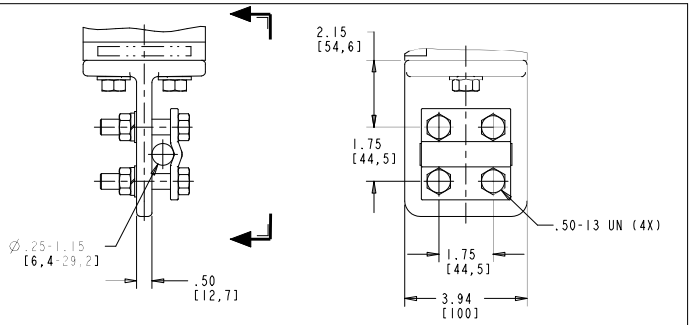
STYLE NO.	RATINGS (kV rms)		TOV (kV rms)	MAXIMUM RESIDUAL VOLTAGE WITH CURRENT WAVE (kV PEAK)					CID	MCOV LABEL
	VOLTAGE Vr	MCOV Vmcov	WITH PRIOR ENERGY SINGLE IMPULSE OF 4.5 kJ/kVr	SPL (SIPL) 30/60 µS	LPL (LIPL) 8/20 µS			FOW 0.5 µS		
				500 A	3 kA	10 kA	20 kA	10 kA		
0036SB029AUHAEP	36	29.0	@10 sec = 39.4	71.3	80.0	86.4	95.5	94.2	07I0054780	RED
0039SB031BUHAEP	39	31.5	@10 sec = 42.7	77.3	86.6	93.6	103	102	07I0054782	GREEN
0045SA037AUHAEP	45	36.5	@10 sec = 49.3	89.1	99.9	108	119	118	07I0054784	BLUE
0048SA039AUHAEP	48	39.0	@10 sec = 52.6	95.6	107	116	128	126	07I0054786	BROWN
0060SA048AUHAEP	60	48.0	@10 sec = 65.7	119	133	144	159	157	07I0054787	VIOLET



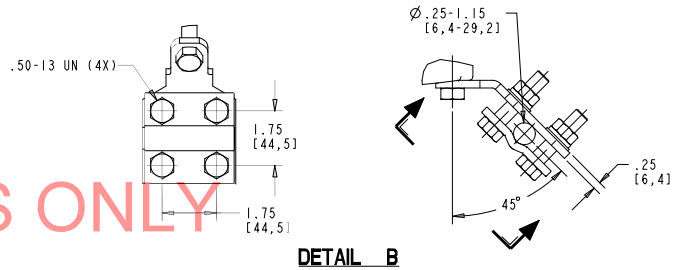
MASTER NAMEPLATE (SSTL)

* ASSIGNED AT THE TIME OF PRODUCTION AND RECORDED IN THE PROPER LOCATIONS
** CID NUMBER

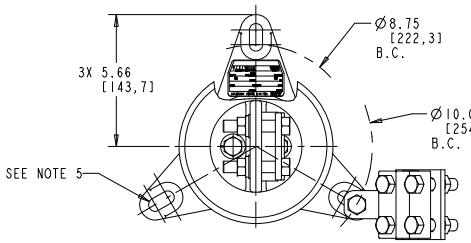




DETAIL A
(ENLARGED)
SCALE 0.500
LINE TERMINAL (ALUMINUM)



DETAIL B
(ENLARGED)
SCALE 0.500
GROUND TERMINAL (GALVANIZED)
(CAN BE ATTACHED TO ANY LUG)



DRILLING PLAN

NOTES:
1. FOR MINIMUM PHASE-TO-GROUND AND PHASE-TO-PHASE CLEARANCES WITH TYPE POLIM-S SURGE ARRESTERS, REFER TO THE POLIM-S PRODUCT BULLETIN (2GNM110077). OTHER APPARATUS STANDARDS, OTHER SPECIFICATIONS OR LOCAL CODES MAY SUPERCEDE DISTANCES SPECIFIED.
2. ARRESTER ASSEMBLY CONSISTS OF ARRESTER UNIT, LINE & GROUND TERMINALS WITH CLAMPS, AND .50 INCH HARDWARE.
3. LINE & GROUND TERMINALS CAN ACCOMODATE CU OR AL CABLE SIZE NO. 2 TO 1000 MCM (.25 [6.4] TO 1.15 [29.2]) DIA.
4. LINE & GROUND TERMINAL CLAMP CAN BE MOUNTED AS SHOWN OR ROTATED 90° AS REQUIRED.
5. MTG. SLOTS FOR .50 INCH HARDWARE (3) EQUALLY SPACED, THICKNESS OF LUG = .88 [22.4]
6. DESIGNED FOR VERTICAL OR HORIZONTAL MOUNT.
7. MAX CANTILEVER LOAD 20,000 in-lbs [2260 Nm].
8. PRESSURE RELIEF CLASS IS 65 kA RMS SYMMETRICAL.
9. NOMINAL CREEPAGE DISTANCE 67.0 [170].
10. MAXIMUM ARRESTER WEIGHT 47.0 lbs [21.3 kg].
11. UPRIGHT / UNDERHUNG MOUNT MAY BE CHANGED BY SWAPPING THE BASE AND TERMINAL.

FOR TENDER PURPOSES ONLY

REV.	DESCRIPTION & DATE
01	APRIL 30, 2016

ALL DIMENSIONS IN INCHES [MM] UNLESS NOTED

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POLIM-S IEEE STATION / ENERGY CLASS E
POLYMER ARRESTER (UNDERHUNG)
20 SHED HOUSING OUTLINE (AEP)

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

CAD DRW PRO/E WILDFIRE 2.0	
SCALE 0.20	SHEET 1 OF 1
ASSY. DWG.	
DWN KOZYGOWSKI	REV.
CHKD DJK	1
APPD MGM	4F4168

4F4168 DRW

pro_e-bdr-d