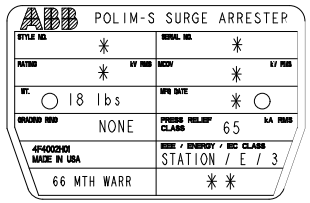
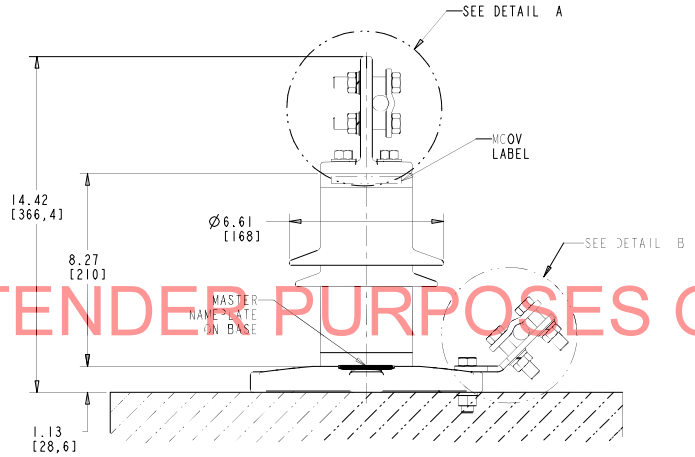
STYLE NO.	RATINGS (kV rms)		TOV (kV rms)	MAXIMUM RESIDUAL VOLTAGE WITH CURRENT WAVE (kV PEAK)					CID	MCOV LABEL COLOR
	VOLTAGE Vr	MCOV Vmcov	WITH PRIOR ENERGY SINGLE IMPULSE OF 4.5 kJ/kVr	SPL (SIPL) 30/60 µS	LPL (LIPL) 8/20 µS			FOW 0.5 µS		
				500 A	3 kA	10 kA	20 kA	10 kA		
Q003SA002AAEP	3	2.55	@10 sec = 4.93	9.77	10.9	11.3	12.9	12.8	0710054765	RED
Q006SA005AAEP	6	5.10	@10 sec = 6.57	12.8	14.3	15.0	17.0	16.8	0710054767	GREEN



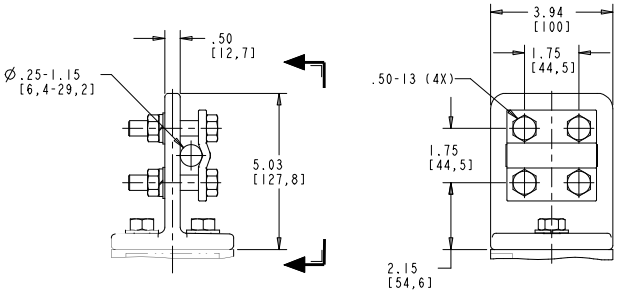
MASTER NAMEPLATE (SSTL)

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

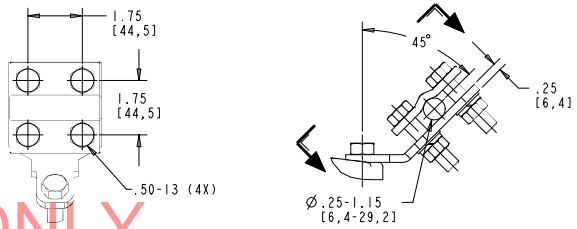


FOR TENDER PURPOSES ONLY

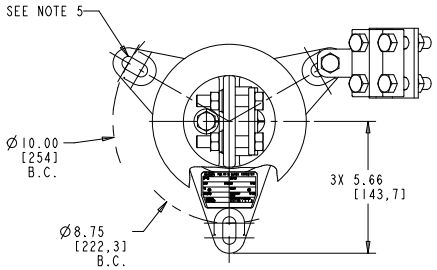
NOTES:
1. FOR MINIMUM PHASE-TO-GROUND AND PHASE-TO-PHASE CLEARANCES WITH TYPE POLIM-S SURGE ARRESTERS, REFER TO THE POLIM-S PRODUCT BULLETIN (2GNM110077). OTHER APPARATUS STANDARDS, OTHER SPECIFICATIONS OR LOCAL CODES MAY SUPERCEDE DISTANCES SPECIFIED.
2. ARRESTER ASSEMBLY CONSISTS OF ARRESTER UNIT, 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 [29.21]) 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 11.3 [287].
10. MAXIMUM ARRESTER WEIGHT 18.0 lbs [8.2 kg].
11. UPRIGHT / UNDERHUNG MOUNT MAY BE CHANGED BY SWAPPING THE BASE AND TERMINAL.



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

ALL DIMENSIONS IN INCHES [MM] UNLESS NOTED

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POLIM-S IEEE STATION / ENERGY CLASS E
POLYMER ARRESTER
2 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	4F4161 1
APPD MGM	

pro_e-bdr-d

REV.	DESCRIPTION & DATE
01	APRIL 14, 2016

4F4161 DRW