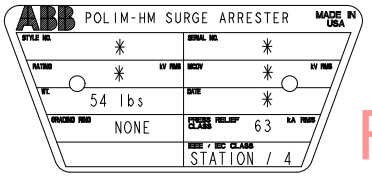
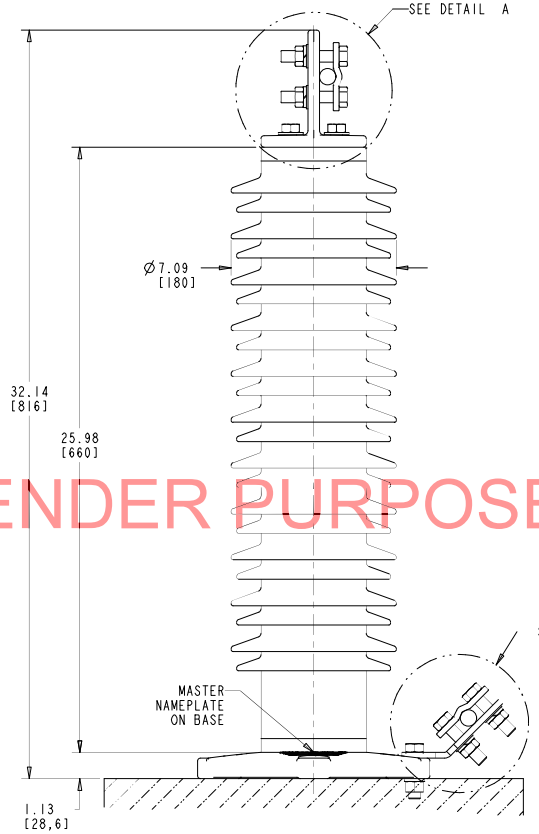
STYLE NO.	RATINGS (kV rms)		TOV (kV rms)	MAXIMUM RESIDUAL VOLTAGE WITH CURRENT WAVE (kV PEAK)				
	VOLTAGE Vr	MCOV Vmcov	WITH PRIOR ENERGY SINGLE IMPULSE OF 8.8 kJ/kVmcov	SPL (SIPL) 30/60 µS	LPL (LIPL) 8/20 µS			FOW 0.5 µS
				500 A	3 kA	10 kA	20 kA	10 kA
STANDARD CREEP								
P045HV037A	45	36.5	@10 sec = 51.2	87.3	96.2	104	115	112
P048HV039A	48	39	@10 sec = 54.6	93.2	103	111	122	119
P051HV041A	51	41	@10 sec = 58.0	99.0	109	118	130	127
P054HM044A	54	44	@10 sec = 61.5	105	116	125	138	134
P060HM048A	60	48	@10 sec = 68.3	116	127	138	152	148
P066HM053A	66	53	@10 sec = 75.1	127	140	152	167	163
EXTRA CREEP								
P042HV034A	42	34.0	@10 sec = 47.8	81.2	89.4	96.6	107	104

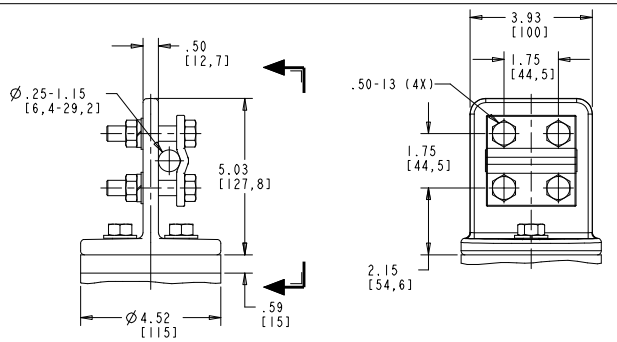


MASTER NAMEPLATE (SSTL)

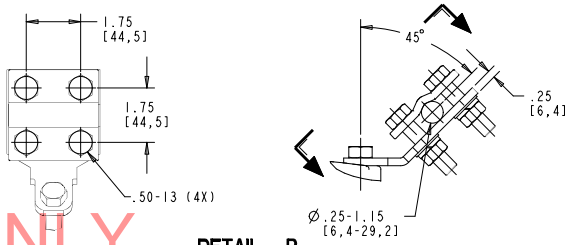
* ASSIGNED AT THE TIME OF PRODUCTION AND RECORDED IN THE PROPER LOCATIONS

NOTES:
1. FOR MINIMUM PHASE-TO-GROUND AND PHASE-TO-PHASE CLEARANCES WITH TYPE POLIM-HM SURGE ARRESTERS, REFER TO THE POLIM-HM PRODUCT BULLETIN (2GNM110065). 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 63 kA RMS SYMMETRICAL.
9. NOMINAL CREEPAGE DISTANCE 69.3 [1760].
10. MAXIMUM ARRESTER WEIGHT 54 lbs [24.5 kg].

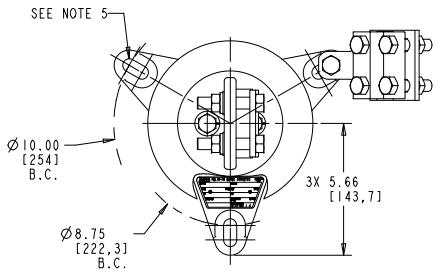




DETAIL A
(ENLARGED)
SCALE 0.500
LINE TERMINAL (ALUMINUM)



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



DRILLING PLAN

FOR TENDER PURPOSES ONLY

REV.	DESCRIPTION & DATE	
01	FEBRUARY 27, 2014	DJK
	CHART: TOV RATING 8.8 kJ/kVmcov MAS	
02	AUGUST 22, 2014	

ALL DIMENSIONS IN INCHES [MM] UNLESS NOTED

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POLIM-HM IEEE STATION / IEC CLASS 4
POLYMER ARRESTER
22 SHED HOUSING OUTLINE

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	
CHKD DJK	4F5511 REV. 2
APPD MGM	

pro_e-bdr-d

4F5511 DRW