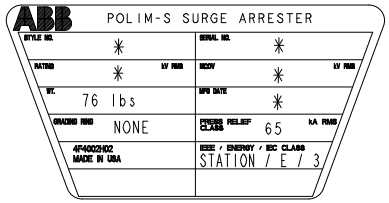
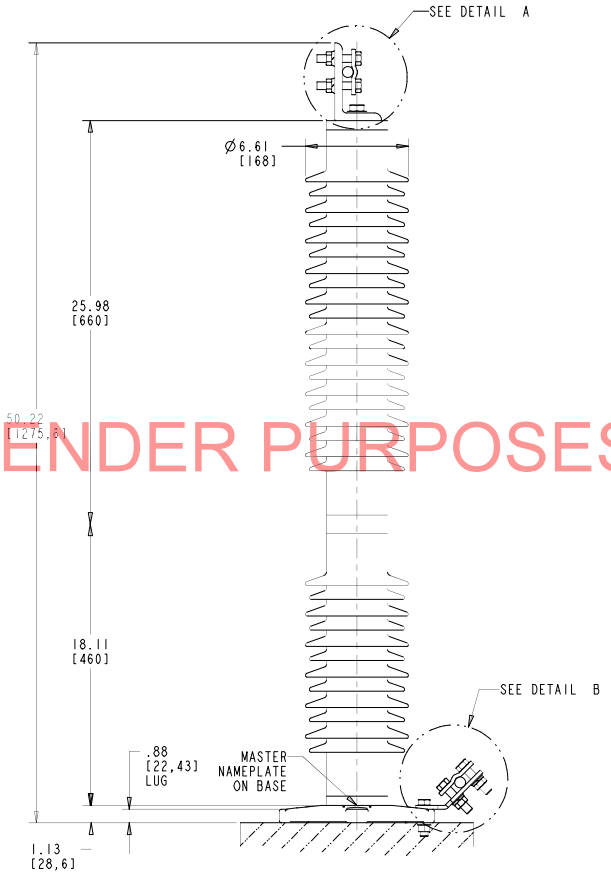
STYLE NO.	RATINGS (kV rms)		TOV (kV rms)	MAXIMUM RESIDUAL VOLTAGE WITH CURRENT WAVE (kV PEAK)				
	VOLTAGE Vr	MCOV Vmcov	WITH PRIOR ENERGY SINGLE IMPULSE OF 4.5 kJ/kVr	SPL (SIPL) 30/60 µS	LPL (LIPL) 8/20 µS			FOW 0.5 µS
				500 A	3 kA	10 kA	20 kA	10 kA
STANDARD CREEP								
Q090SA070A	90	70.0	@10 sec = 98.6	178	199	216	238	235
Q094SA073A	94	73.0	@10 sec = 103	186	208	226	249	246
Q096SA076B	96	76.0	@10 sec = 105	190	213	231	255	251
Q102SA082B	102	82.0	@10 sec = 112	201	226	245	270	266
Q108SA084D	108	84.0	@10 sec = 118	214	240	260	287	283
Q108SA088B	108	88.0	@10 sec = 118	214	240	260	287	283
EXTRA CREEP								
Q045SC037A	45	36.5	@10 sec = 49.3	89.1	99.9	108	119	118
Q048SC039A	48	39.0	@10 sec = 52.6	95.6	107	116	128	126
Q051SC041A	51	41.0	@10 sec = 55.8	101	114	123	136	134
Q054SC042A	54	42.0	@10 sec = 59.1	107	120	130	144	142
Q055SC044A	55	44.0	@10 sec = 60.2	109	122	132	146	144
Q060SC048A	60	48.0	@10 sec = 65.7	119	133	144	159	157
Q066SC053A	66	53.0	@10 sec = 72.3	131	147	159	175	173
Q072SB057A	72	57.0	@10 sec = 78.8	142	159	173	191	188
Q075SB060A	75	60.0	@10 sec = 82.1	148	166	180	199	196
Q078SB063A	78	63.0	@10 sec = 85.4	155	173	188	207	204
Q081SB065A	81	65.0	@10 sec = 88.7	160	180	195	215	212
Q084SB068A	84	68.0	@10 sec = 92.0	166	186	202	223	220



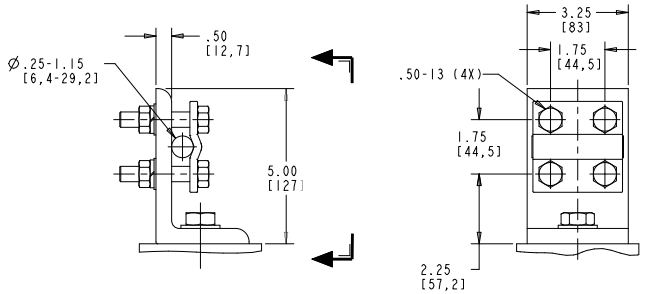
MASTER NAMEPLATE

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

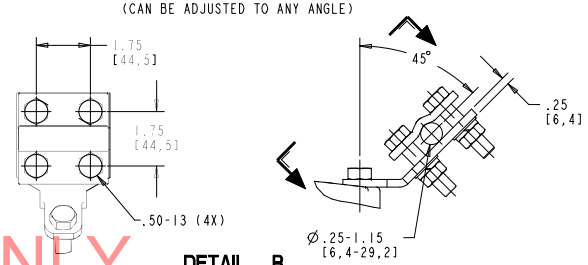
NOTES:
1. FOR MINIMUM PHASE-TO-GROUND AND PHASE-TO-PHASE CLEARANCES REFER TO IEEE C62.11 AND C62.22. OTHER APPARATUS STANDARDS, SPECIFICATIONS OR LOCAL CODES MAY SUPERCEDE DISTANCES SPECIFIED.
2. ARRESTER ASSEMBLY CONSISTS OF ARRESTER UNIT, LINE & GROUND TERMINALS WITH CLAMPS, AND .50 INCH HARDWARE.
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 109.2 [2774].
10. MAXIMUM ARRESTER WEIGHT 76.0 lbs [34.5 kg].



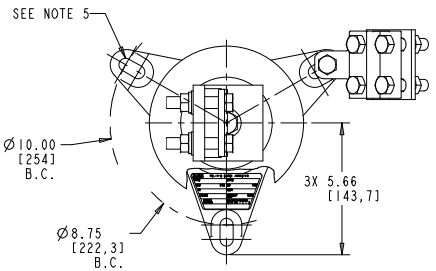
FOR TENDER PURPOSES ONLY



DETAIL A
(ENLARGED)
SCALE 0.500
LINE TERMINAL (ALUMINUM)
(CAN BE ADJUSTED TO ANY ANGLE)



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



DRILLING PLAN
(ENLARGED)

REV.	DESCRIPTION & DATE	
01	APRIL 8, 2011	ADDED STYLE NO.: Q048SC039A, Q051SB041A, Q048SC039A, Q051SC041A DJK
02	JULY 29, 2011	NOTE 9: CREEPAGE 109.2 WAS 108.7 DETAIL B: .25 ADDED. DRILLING PLAN RELOCATED DJK
03	NOVEMBER 7, 2013	TITLE UPDATED NOTE 8 AND NAMEPLATE PRESSURE RELIEF CLASS 65 kA WAS 63 kA NOTE 1 UPDATED MASTER NAMEPLATE REPLACED WITH NAMEPLATE DETAIL A: .88 LUG ADDED. 50.22 WAS 50.25 DETAIL A: 5.00 WAS 5.03 2.25 WAS 2.15 1.13 WAS 1.14 LUG CAN BE ADJUSTED TO ANY ANGLE) ADDED DJK
04	MAY 15, 2018	

ALL DIMENSIONS IN INCHES [MM] UNLESS NOTED

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POLIM-S / IEEE STATION E / IEC CLASS 3
POLYMER ARRESTER
32 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 KRYGOWSKI	4F4033 REV. 4
CHKD DJK	
APPD MGM	

pro_e-bdr-d

4F4033 DRW