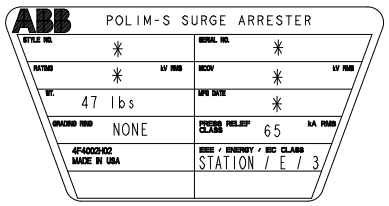
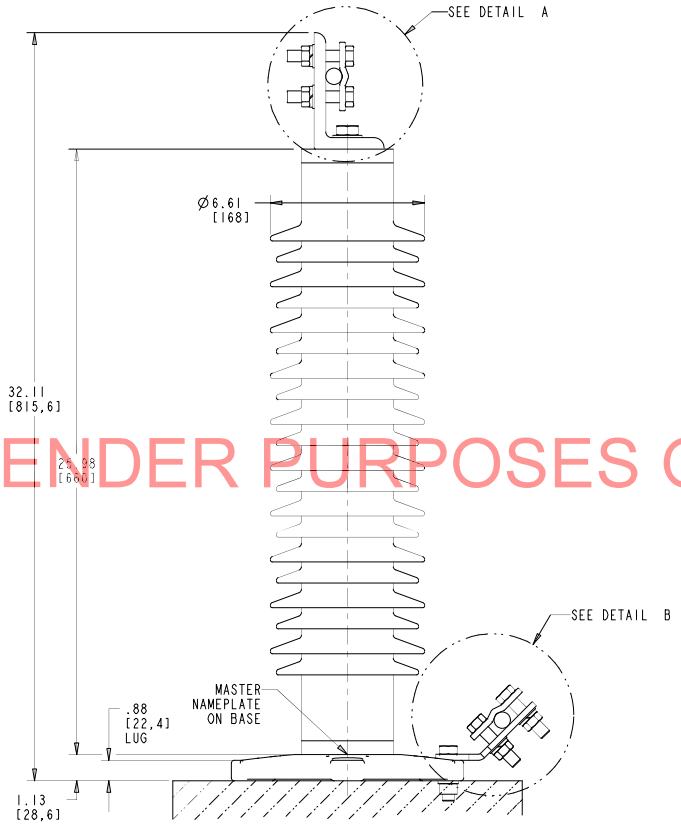
STYLE NO.	RATINGS (kV rms) VOLTAGE Vr	MCOV Vmcov	TOV (kV rms) WITH PRIOR ENERGY SINGLE IMPULSE OF 4.5 kJ/kVr	MAXIMUM RESIDUAL VOLTAGE WITH CURRENT WAVE (kV PEAK) SPL (SIPL) 30/60 µS 500 A	LPL (LIPL) 8/20 µS 3 kA	10 kA	20 kA	FOW 0.5 µS 10 kA
STANDARD CREEP								
Q045SA037A	45	36.5	@10 sec = 49.3	89.1	99.9	108	119	118
Q048SA039A	48	39.0	@10 sec = 52.6	95.6	107	116	128	126
Q051SA041A	51	41.0	@10 sec = 55.8	101	114	123	136	134
Q054SA042A	54	42.0	@10 sec = 59.1	107	120	130	144	142
Q055SA044A	55	44.0	@10 sec = 60.2	109	122	132	146	144
Q060SA048A	60	48.0	@10 sec = 65.7	119	133	144	159	157
Q066SA053A	66	53.0	@10 sec = 72.3	131	147	159	175	173
EXTRA CREEP								
Q012SC010A	12	10.2	@10 sec = 13.1	25.1	28.1	30.0	33.5	33.1
Q015SC012A	15	12.7	@10 sec = 16.4	31.3	35.0	37.5	41.8	41.2
Q018SC015A	18	15.3	@10 sec = 19.7	37.4	41.9	45.0	50.0	49.3
Q021SC017B	21	17.0	@10 sec = 23.0	41.8	46.9	50.4	55.9	55.2
Q024SB019A	24	19.5	@10 sec = 26.3	47.7	53.5	57.6	63.9	63.0
Q027SB022A	27	22.0	@10 sec = 29.6	53.6	60.1	64.8	71.8	70.8
Q030SB024A	30	24.4	@10 sec = 32.9	59.5	66.7	72.0	79.7	78.6
Q033SB027A	33	27.0	@10 sec = 36.1	65.4	73.4	79.2	87.6	86.4
Q036SB029A	36	29.0	@10 sec = 39.4	71.3	80.0	86.4	95.5	94.2
Q039SB031B	39	31.5	@10 sec = 42.7	77.3	86.6	93.6	103	102
Q042SB034B	42	34.0	@10 sec = 46.0	83.3	93.4	101	112	110

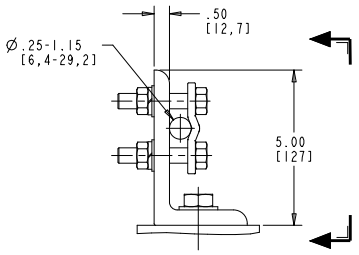


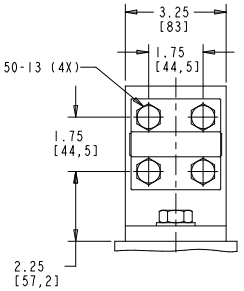
MASTER NAMEPLATE

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

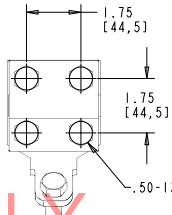
NOTES:
1. FOR MINIMUM PHASE-TO-GROUND AND PHASE-TO-PHASE CLEARANCES REFER TO IEEE C62.11 AND C62.22. OTHER APPARATUS STANDARDS, SPECIFICATIONS OR LOCAL CODES MAY SUPERCEDE DISTANCES SPECIFIED.
2. ARRESTER ASSEMBLY CONSISTS OF ARRESTER UNIT, LINE & GROUND TERMINALS WITH CLAMPS, AND .50 INCH HARDWARE.
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 67.0 [1701].
10. MAXIMUM ARRESTER WEIGHT 47.0 lbs [21.3 kg].

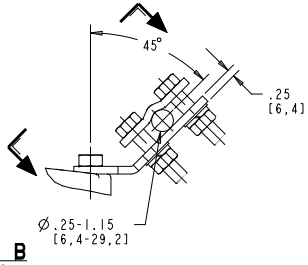




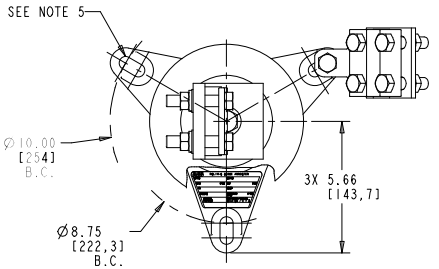


DETAIL A
(ENLARGED)
SCALE 0.500
LINE TERMINAL (ALUMINUM)
(CAN BE ADJUSTED TO ANY ANGLE)





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



DRILLING PLAN

FOR TENDER PURPOSES ONLY

REV.	DESCRIPTION & DATE	BY
01	MARCH 30, 2011 ADDED STYLE NO.: Q012SC012A, Q015SC012A, Q018SC015A, Q021SC017B.	DJK
02	JULY 29, 2011 NOTE 9: CREEPAGE 67.0 WAS 66.7 DETAIL B: .25 ADDED. DRILLING PLAN RELOCATED	DJK
03	OCTOBER 31, 2013 TITLE UPDATED. NOTE 8 AND NAMEPLATE PRESSURE RELIEF CLASS 65 kA WAS 63 kA. NOTE 1 UPDATED. NAMEPLATE REPLACED WITH MASTER NAMEPLATE. .88 LUG ADDED. 32.11 WAS 32.14. DETAIL A: 5.00 WAS 5.03 2.25 WAS 2.15 1.75 WAS 1.83 LINE TERM ADJUSTED TO ANY ANGLE) ADDED	DJK
04	MAY 14, 2018	

ALL DIMENSIONS IN INCHES [MM] UNLESS NOTED

This drawing is the property of ABB INC. and contains proprietary and confidential information which must not be duplicated, used or disclosed other than expressly authorized by ABB INC.

POLIM-S / IEEE STATION E / IEC CLASS 3
POLYMER ARRESTER
20 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	4F4026 REV. 4
APPD MGM	

pro_e-bdr-d

4F4026 DRW