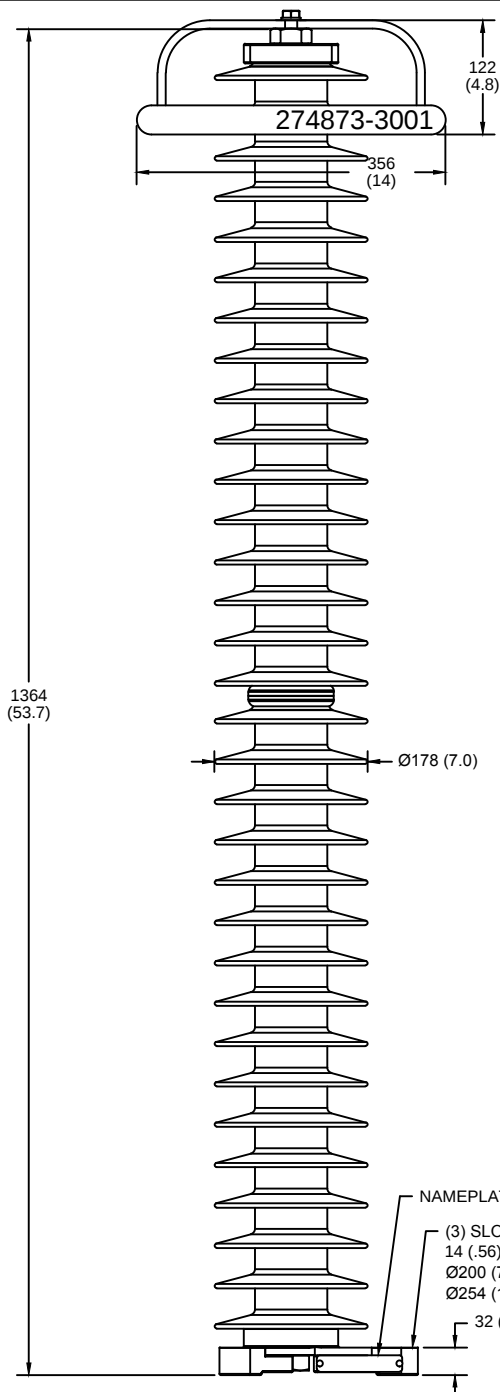
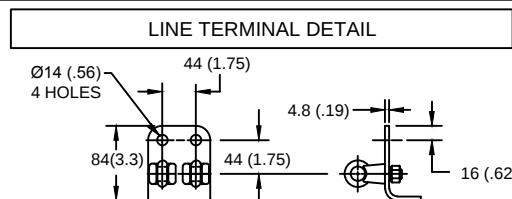
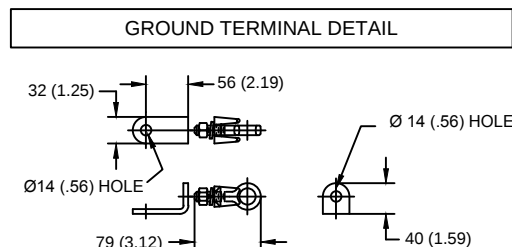




- NOTES:
1. DIMENSIONS IN millimeters(inches) SUBJECT TO $\pm 3\%$ TOLERANCE
 2. CLEARANCE AND INSULATION W/S VOLTAGE APPLY AT SEA LEVEL
 3. ARRESTER SUITABLE FOR OPERATION AT ALTITUDES UP TO 4380 m (14370 ft)
 4. PACKAGED IN A CORRUGATED BOX.



HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002
TWO HDG TERMINALS, PART No. 271414-3001
SUITABLE FOR COPPER OR ALUMINUM CONDUCTOR SIZE
Ø 7 (.25) - Ø 21 (.81)
25 - 240 sq mm
AWG#4 - 500 MCM



HDG TERMINAL BRACKET, PART No. 89606-4001
ONE HDG TERMINAL, PART No. 271414-3001
SUITABLE FOR COPPER OR ALUMINUM CONDUCTOR SIZE
Ø 7 (.25) - Ø 21 (.81)
25 - 240 sq mm
AWG#4 - 500 MCM

Ø = DIAMETER
HDG = HOT DIP GALVANIZED

CHARACTERISTICS	
RATED VOLTAGE (Ur)	108 kVrms
MCOV (Uc)	88 kVrms
MASS	31.8 kg (70.1 lb)
COG ABOVE BASE	701 (27.6)
CREEPAGE DISTANCE	3654 (143.9)
STRIKE DISTANCE	1242 (48.9)
LIGHTNING IMP W/S	713 kVpk
SWITCHING IMP WET W/S	597 kVpk
POWER FREQ WET W/S	304 kVrms
TOV 1s NO PRIOR DUTY	125 kVrms
TOV 10s NO PRIOR DUTY	120 kVrms
TOV 1s W/PRIOR DUTY	119 kVrms
TOV 10s W/PRIOR DUTY	113 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	781 N (176 lbf)
ULTIMATE (max pk)	1562 N (351 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	503.1 (19.8)
PHASE TO PHASE	582.4 (22.9)

.5µSEC 10kA IR kV	SWITCHING SURGE IR kV		MAXIMUM 8/20 DISCHARGE VOLTAGE - kV AT					
	500 A	1 KA	1.5 kA	3.0 kA	5 kA	10 kA	20 kA	40 kA
289	207	216	221	232	244	261	283	322

IEEE C62.11

STATION-CLASS
SURGE ARRESTER

Program Revision
2015.07.30.08.09.10

REV DATE
05/03/11

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TITLE

**EVP ARRESTER
88 KV MCOV**

SIZE

S

DWG NO.

1910699

CAT / PART / ASSY NO.

EVP0088103001

REV

1

DO NOT SCALE
THIS DRAWING

DRN BY NON

DATE 05/03/11

SHEET 1 OF 1



HUBBELL POWER SYSTEMS