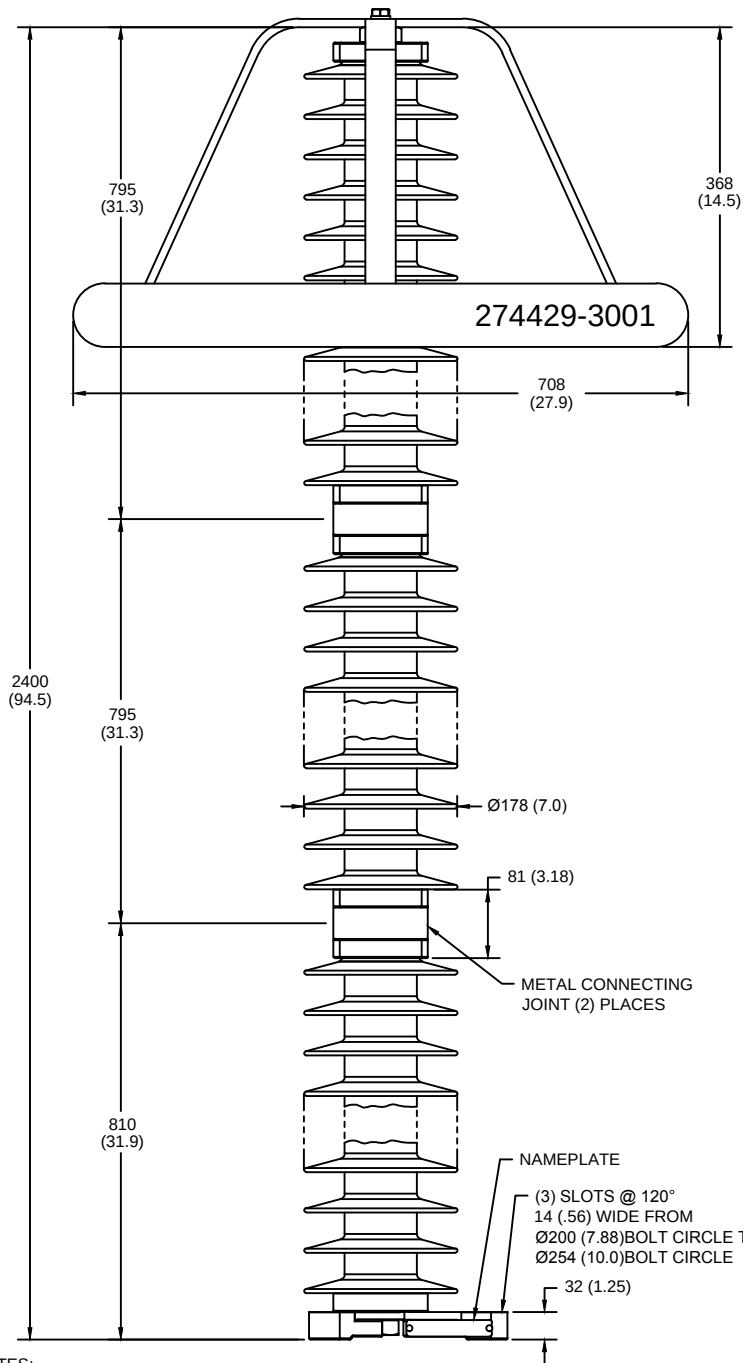
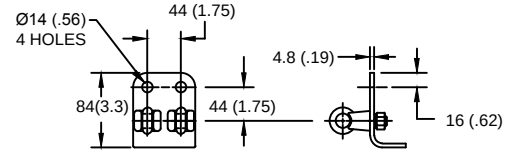




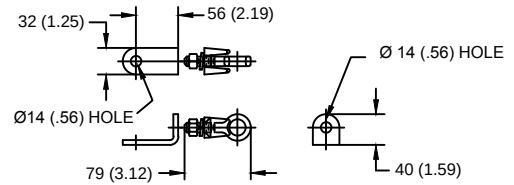
- NOTES:
1. DIMENSIONS IN millimeters(inches) SUBJECT TO $\pm 3\%$ TOLERANCE
 2. CLEARANCE AND INSULATION W/S VOLTAGE APPLY AT SEA LEVEL
 3. ARRESTER SUITABLE FOR OPERATION AT ALTITUDES UP TO 4380 m (14370 ft)
 4. PACKAGED IN A WOOD CRATE.

LINE TERMINAL DETAIL



HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002
TWO TIN-PLATED TERMINALS, PART No. TLS89TP
SUITABLE FOR COPPER OR ALUMINUM CONDUCTOR SIZE
Ø 9.3 (.36) - Ø 29 (1.1)
67.4 - 507 sq mm
2/0 - 1000 MCM

GROUND TERMINAL DETAIL



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

CHARACTERISTICS

RATED VOLTAGE (Ur)	228 kVrms
MCOV (Uc)	180 kVrms
MASS	60.1 kg (133 lb)
COG ABOVE BASE	1286 (50.6)
CREEPAGE DISTANCE	6278 (247.2)
STRIKE DISTANCE	2032 (80)
LIGHTNING IMP W/S	1166 kVpk
SWITCHING IMP WET W/S	977 kVpk
POWER FREQ WET W/S	436 kVrms
TOV 1s NO PRIOR DUTY	262 kVrms
TOV 10s NO PRIOR DUTY	251 kVrms
TOV 1s W/PRIOR DUTY	250 kVrms
TOV 10s W/PRIOR DUTY	236 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	228 N (51 lbf)
ULTIMATE (max pk)	910 N (205 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)

PHASE TO GROUND	1099 (43.3)
PHASE TO PHASE	1256 (49.4)

.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
605	435	453	464	487	511	548	593	676

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
180 KV MCOV**

SIZE

S

DWG NO.

1910681

CAT / PART / ASSY NO.

EVP0180003008

REV

1

DO NOT SCALE
THIS DRAWING

DRN BY NON

DATE 05/03/11

SHEET 1 OF 1



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