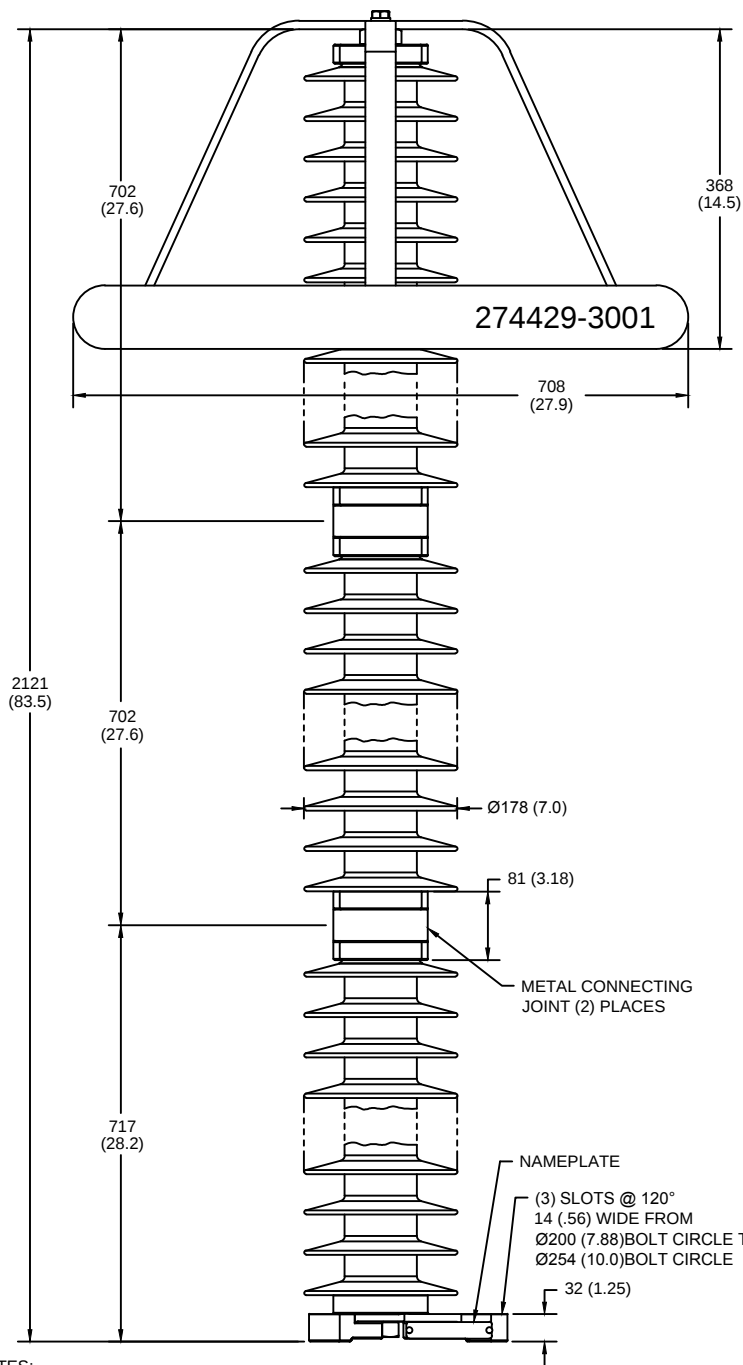
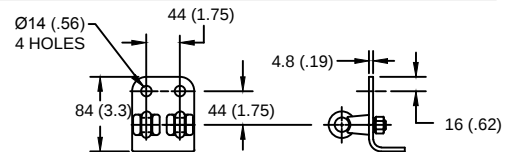




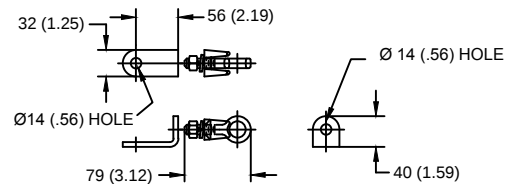
- NOTES:
1. DIMENSIONS IN millimeters(inches) SUBJECT TO $\pm 3\%$ TOLERANCE
 2. CLEARANCE AND INSULATION W/S VOLTAGE APPLY AT SEA LEVEL
 3. ARRESTER SUITABLE FOR OPERATION AT ALTITUDES UP TO 4380 m (14370 ft)
 4. PACKAGED IN A WOOD CRATE.

LINE TERMINAL DETAIL



HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002
TWO 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

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)	192 kVrms
MCOV (Uc)	154 kVrms
MASS	54.6 kg (120 lb)
COG ABOVE BASE	1139 (44.8)
CREEPAGE DISTANCE	5482 (215.8)
STRIKE DISTANCE	1753 (69)
LIGHTNING IMP W/S	1006 kVpk
SWITCHING IMP WET W/S	843 kVpk
POWER FREQ WET W/S	395 kVrms
TOV 1s NO PRIOR DUTY	221 kVrms
TOV 10s NO PRIOR DUTY	211 kVrms
TOV 1s W/PRIOR DUTY	211 kVrms
TOV 10s W/PRIOR DUTY	199 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	256 N (58 lbf)
ULTIMATE (max pk)	1025 N (230 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)

PHASE TO GROUND	919.3 (36.2)
PHASE TO PHASE	1052.9 (41.5)

.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
510	366	381	391	411	430	462	499	569

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
154 KV MCOV**

SIZE

S

DWG NO.

191064560

CAT / PART / ASSY NO.

EVP0154003010

REV

1

DO NOT SCALE
THIS DRAWING

DRN BY NON

DATE 05/03/11

SHEET 1 OF 1



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