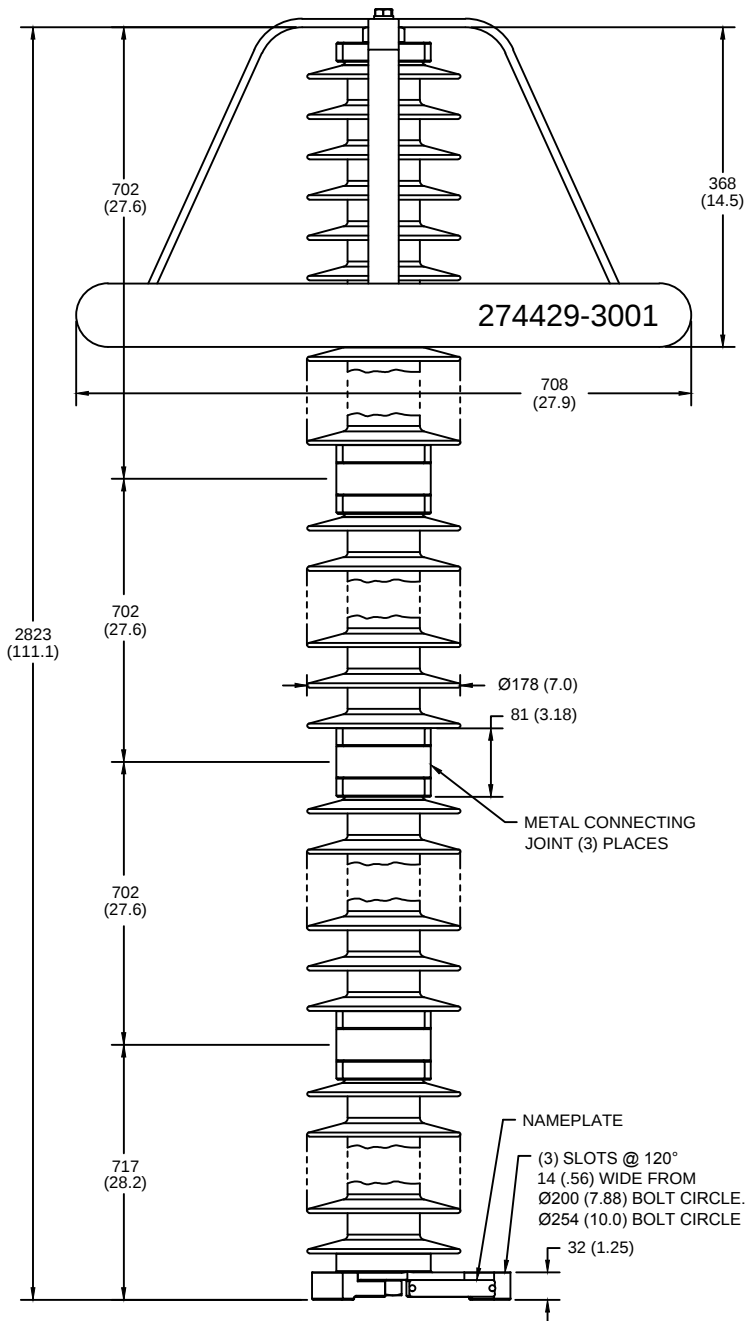
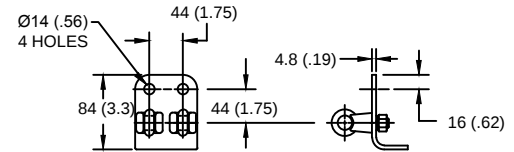


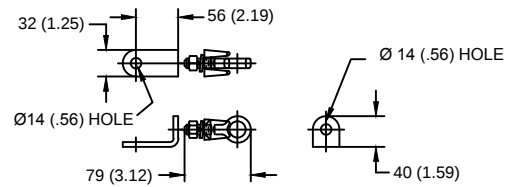


LINE TERMINAL DETAIL



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

Ø = DIAMETER
HDG = HOT DIP GALVANIZED

CHARACTERISTICS

RATED VOLTAGE (Ur)	192 kVrms
MCOV (Uc)	152 kVrms
MASS	70.5 kg (155.5 lb)
COG ABOVE BASE	1503 (59.2)
CREEPAGE DISTANCE	7309 (287.7)
STRIKE DISTANCE	2455 (96.7)
LIGHTNING IMP W/S	1409 kVpk
SWITCHING IMP WET W/S	1181 kVpk
POWER FREQ WET W/S	486 kVrms
TOV 1s NO PRIOR DUTY	222 kVrms
TOV 10s NO PRIOR DUTY	212 kVrms
TOV 1s W/PRIOR DUTY	211 kVrms
TOV 10s W/PRIOR DUTY	199 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	194 N (43.6 lbf)
ULTIMATE (max pk)	778 N (175 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)

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

- NOTES:
1. DIMENSIONS IN millimeters(inches) SUBJECT TO ±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.

.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 152 KV MCOV

SIZE

S

DWG NO.

191064559

CAT / PART / ASSY NO.

EVP0152203010

REV

1

DO NOT SCALE
THIS DRAWING

DRN BY

NON

DATE 05/03/11

SHEET 1 OF 1



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