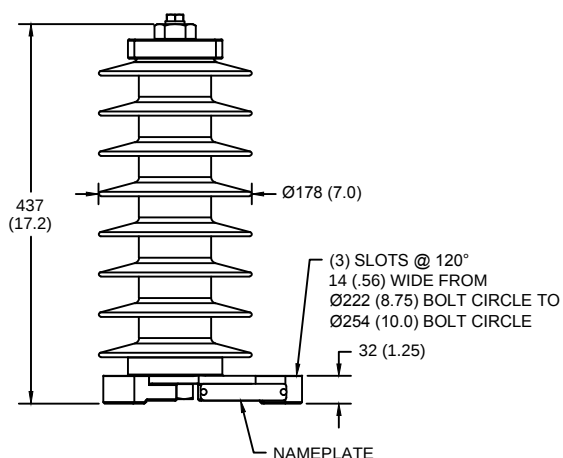
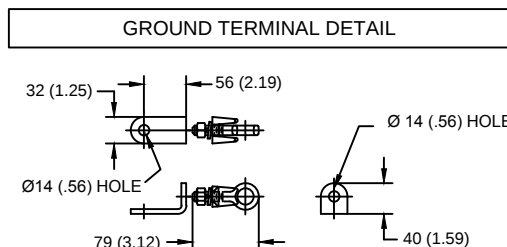


HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002
TWO HDG TERMINALS, PART No. 271414-3001
SUITABLE FOR COPPER OR ALUMINUM CONDUCTOR SIZE
Ø 7 (.25) - Ø 21 (.81)
25 - 240 sq mm
AWG#4 - 500 MCM



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)	27 kVrms
MCOV (Uc)	22 kVrms
MASS	9.9 kg (21.9 lb)
COG ABOVE BASE	218 (8.6)
CREEPAGE DISTANCE	1029 (40.5)
STRIKE DISTANCE	361 (14.2)
LIGHTNING IMP W/S	207 kVpk
SWITCHING IMP WET W/S	173 kVpk
POWER FREQ WET W/S	101 kVrms
TOV 1s NO PRIOR DUTY	31.3 kVrms
TOV 10s NO PRIOR DUTY	29.9 kVrms
TOV 1s W/PRIOR DUTY	29.8 kVrms
TOV 10s W/PRIOR DUTY	28.1 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	2173 N (489 lbf)
ULTIMATE (max pk)	4346 N (977 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	95.6 (3.8)
PHASE TO PHASE	121.7 (4.8)

- 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 CORRUGATED BOX.

.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
73.6	51.8	54.0	55.3	58.1	60.9	65.4	70.7	80.6

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
22 KV MCOV

SIZE
S

DWG NO.
19106121

CAT / PART / ASSY NO.
EVP0022003001

REV
1

DO NOT SCALE
THIS DRAWING

DRN BY
NON

DATE
05/03/11

SHEET
1 OF 1



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