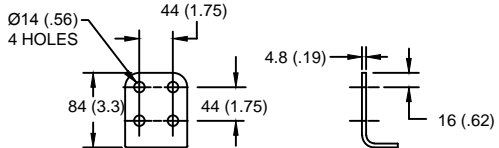
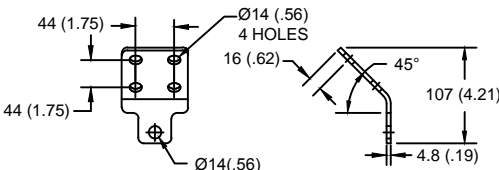


LINE TERMINAL DETAIL

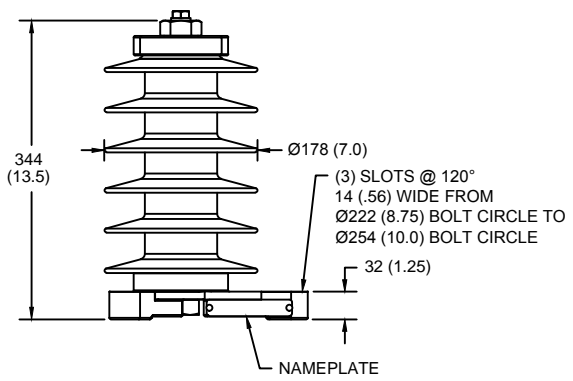


HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002

GROUND TERMINAL DETAIL



HDG 4-HOLE TERMINAL PAD, PART No. 274914-4001



Ø = DIAMETER
HDG = HOT DIP GALVANIZED

CHARACTERISTICS	
RATED VOLTAGE (Ur)	12 kVrms
MCOV (Uc)	10.2 kVrms
MASS	7.8 kg (17.3 lb)
COG ABOVE BASE	173 (6.8)
CREEPAGE DISTANCE	898 (35.4)
STRIKE DISTANCE	267 (10.5)
LIGHTNING IMP W/S	153 kVpk
SWITCHING IMP WET W/S	128 kVpk
POWER FREQ WET W/S	75 kVrms
TOV 1s NO PRIOR DUTY	14.5 kVrms
TOV 10s NO PRIOR DUTY	13.9 kVrms
TOV 1s W/PRIOR DUTY	13.8 kVrms
TOV 10s W/PRIOR DUTY	13 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	2646 N (595 lbf)
ULTIMATE (max pk)	5293 N (1190 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	25.4 (1)
PHASE TO PHASE	50.8 (2)

- 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
35.1	24.0	25.0	25.6	26.9	28.2	30.3	32.8	37.4

IEEE C62.11
 STATION-CLASS
 SURGE ARRESTER
 Program Revision
 2015.07.30.08.09.10

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TITLE
EVP ARRESTER
10.2 KV MCOV

SIZE S	DWG NO. 191054466	CAT / PART / ASSY NO. EVP0010103012	REV 1
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 05/03/11	SHEET 1 OF 1

REV DATE
05/03/11

