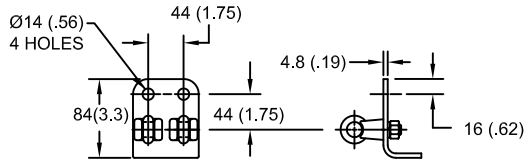
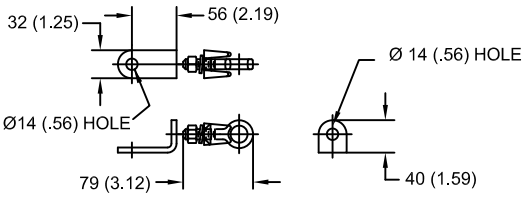
LINE TERMINAL DETAIL



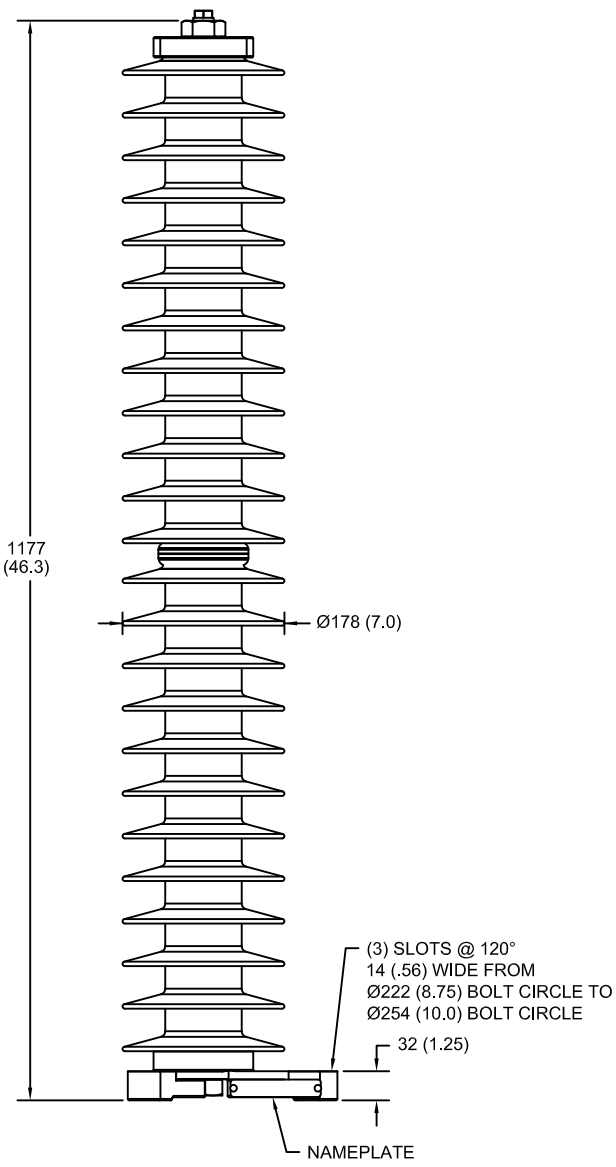
HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002
TWO HDG TERMINALS, PART No. 271414-3001
SUITABLE FOR COPPER OR ALUMINUM CONDUCTOR SIZE
Ø 7 (.25) - Ø 21 (.81)
25 - 240 sq mm
AWG#4 - 500 MCM

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)	96 kVrms
MCOV (Uc)	76 kVrms
MASS	26.7 kg (58.9 lb)
COG ABOVE BASE	589 (23.2)
CREEPAGE DISTANCE	3124 (123)
STRIKE DISTANCE	1100 (43.3)
LIGHTNING IMP W/S	631 kVpk
SWITCHING IMP WET W/S	529 kVpk
POWER FREQ WET W/S	275 kVrms
TOV 1s NO PRIOR DUTY	111 kVrms
TOV 10s NO PRIOR DUTY	106 kVrms
TOV 1s W/PRIOR DUTY	106 kVrms
TOV 10s W/PRIOR DUTY	100 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	897 N (202 lbf)
ULTIMATE (max pk)	1794 N (403 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	441.4 (17.4)
PHASE TO PHASE	512.6 (20.2)

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	SWITCHING SURGE IR kV		MAXIMUM 8/20 DISCHARGE VOLTAGE - kV AT					
IR kV	500 A	1 KA	1.5 kA	3.0 kA	5 kA	10 kA	20 kA	40 kA
257	184	191	196	206	216	232	251	286

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

REV DATE **05/03/11**

TITLE
EVP ARRESTER
76 KV MCOV

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	181962396	EVP0076003001	1

DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 05/03/11	SHEET 1 OF 1

HUBBELL® POWER SYSTEMS

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