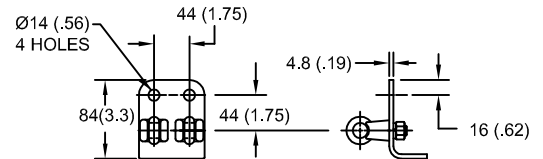
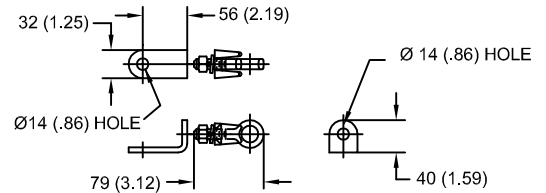


LINE TERMINAL DETAIL

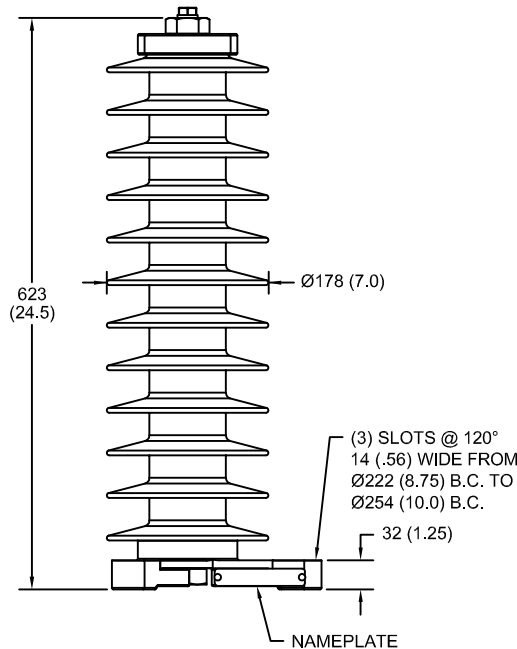


HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002
TWO HDG TERMINALS, PART No. 271414-3001
SUITABLE FOR Cu OR Al CONDUCTOR SIZE
Ø 7 (.25) - Ø 21 (.81) DIA
25 - 240 sq mm
AWG#4 - 500 MCM

GROUND TERMINAL DETAIL



HDG TERMINAL BRACKET, PART No. 89606-4001
ONE HDG TERMINAL, PART No. 271414-3001
SUITABLE FOR Cu OR Al CONDUCTOR SIZE
Ø 7 (.25) - Ø 21 (.81) DIA
25 - 240 sq mm
AWG#4 - 500 MCM



CHARACTERISTICS

RATED VOLTAGE	48 kVrms
MCOV	39 kVrms
MASS	14.2 kg (31.2 lb)
COG ABOVE BASE	312 (12.3)
CREEPAGE DISTANCE	1562 (61.5)
STRIKE DISTANCE	546 (21.5)
LIGHTNING IMP W/S	313 kVpk
SWITCHING IMP WET W/S	263 kVpk
POWER FREQ WET W/S	148 kVrms
TOV 1s NO PRIOR DUTY	55.4 kVrms
TOV 10s NO PRIOR DUTY	53.0 kVrms
TOV 1s W/PRIOR DUTY	53.6 kVrms
TOV 10s W/PRIOR DUTY	51.5 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	1601 N (360 lbs)
ULTIMATE (max pk)	3201 N (720 lbs)

RECOMMENDED CLEARANCE (CENTER - CENTER)

PHASE TO GROUND	338 (13.3)
PHASE TO PHASE	478 (18.8)

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 1800 m (6000 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
129	91.9	95.7	98.0	103	108	116	125	143

ANSI

STATION CLASS
SURGE ARRESTER

Program Revision
2011.06.7.12.40.56

REV DATE
05/03/11

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TITLE

EVP ARRESTER
39 KV MCOV

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	112261300	EVP003900-3001	0
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 05/03/11	SHEET 1 OF 1



HUBBELL POWER SYSTEMS