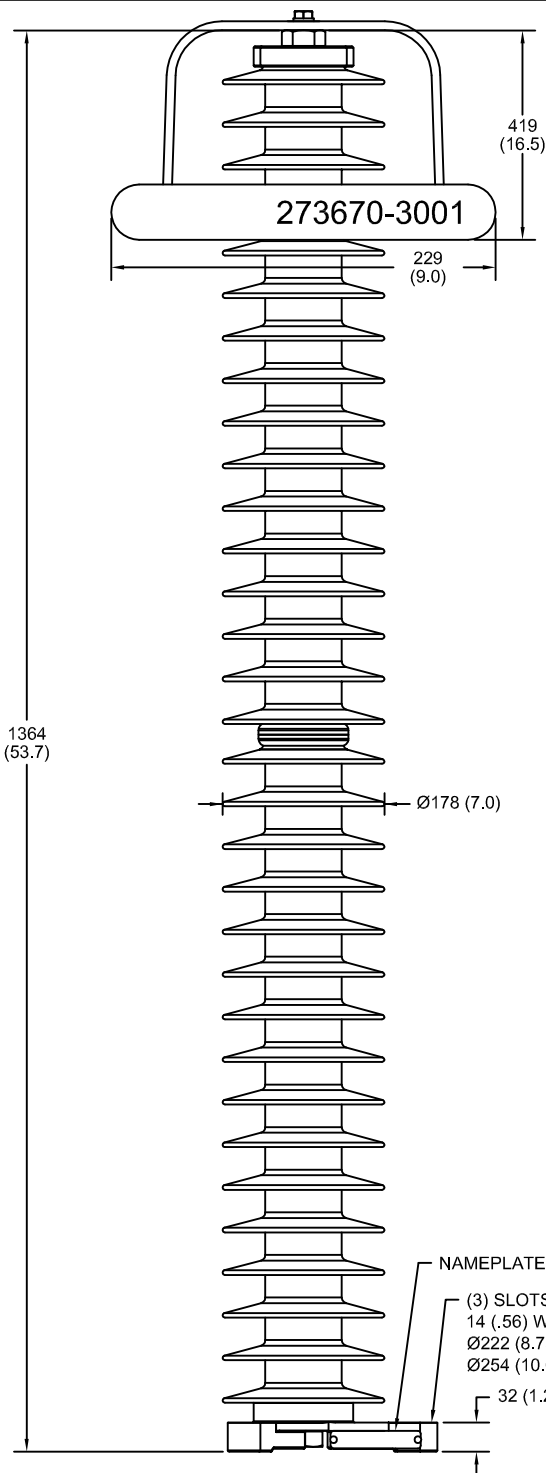




NOTES:

1. DIMENSIONS IN millimeters(inches) SUBJECT TO $\pm 3\%$ 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
350	252	262	268	282	296	317	343	391

ANSI

STATION CLASS
SURGE ARRESTER

Program Revision
2011.06.7.12.40.56

REV DATE
05/03/11

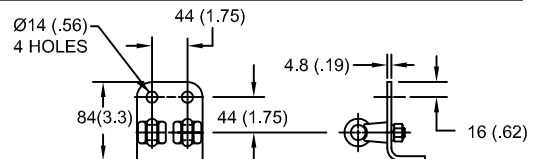
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TITLE

**EVP ARRESTER
106 KV MCOV**

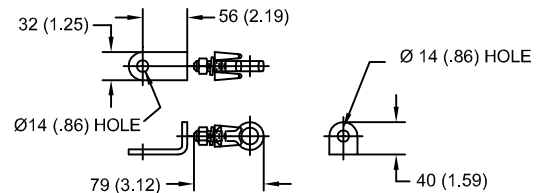
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	112261310	EVP010600-3001	0
DO NOT SCALE THIS DRAWING		DRN BY NON	DATE 05/03/11
		SHEET 1 OF 1	

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	132 kVrms
MCOV	106 kVrms
MASS	33.2 kg (73.1 lb)
COG ABOVE BASE	713 (28.1)
CREEPAGE DISTANCE	3654 (143.9)
STRIKE DISTANCE	1135 (44.7)
LIGHTNING IMP W/S	652 kVpk
SWITCHING IMP WET W/S	546 kVpk
POWER FREQ WET W/S	283 kVrms
TOV 1s NO PRIOR DUTY	152 kVrms
TOV 10s NO PRIOR DUTY	145 kVrms
TOV 1s W/PRIOR DUTY	147 kVrms
TOV 10s W/PRIOR DUTY	141 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	781 N (176 lbs)
ULTIMATE (max pk)	1562 N (351 lbs)

RECOMMENDED CLEARANCE (CENTER - CENTER)

PHASE TO GROUND	983 (38.7)
PHASE TO PHASE	1311 (51.6)



HUBBELL® POWER SYSTEMS