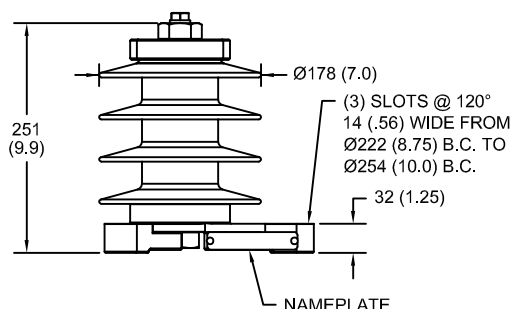
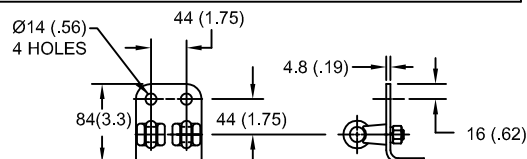


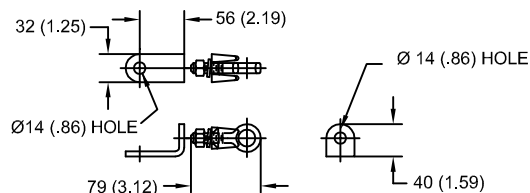


LINE TERMINAL DETAIL



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	6 kVrms
MCOV	5.1 kVrms
MASS	5.7 kg (12.6 lb)
COG ABOVE BASE	127 (5.0)
CREEPAGE DISTANCE	498 (19.6)
STRIKE DISTANCE	175 (6.9)
LIGHTNING IMP W/S	101 kVpk
SWITCHING IMP WET W/S	84 kVpk
POWER FREQ WET W/S	50 kVrms
TOV 1s NO PRIOR DUTY	7.25 kVrms
TOV 10s NO PRIOR DUTY	6.94 kVrms
TOV 1s W/PRIOR DUTY	7.01 kVrms
TOV 10s W/PRIOR DUTY	6.73 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	3383 N (761 lbs)
ULTIMATE (max pk)	6766 N (1521 lbs)

RECOMMENDED CLEARANCE (CENTER - CENTER)

PHASE TO GROUND	114 (4.5)
PHASE TO PHASE	229 (9.0)

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
18.6	12.0	12.5	12.8	13.5	14.1	15.2	16.4	18.7

ANSI

STATION CLASS
SURGE ARRESTER

Program Revision
2011.06.7.12.40.56

REV DATE
05/03/11

CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.

TITLE

**EVP ARRESTER
5.1 KV MCOV**

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	112261287	EVP000500-3001	0
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 05/03/11	SHEET 1 OF 1



HUBBELL® POWER SYSTEMS