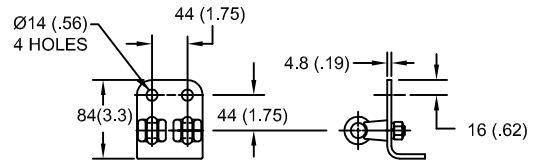
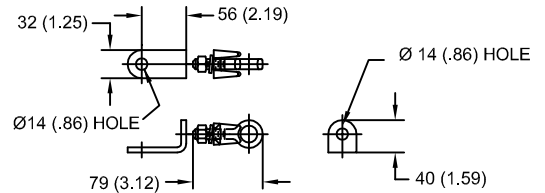


LINE TERMINAL DETAIL



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	15 kVrms
MCOV	12.7 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	18.0 kVrms
TOV 10s NO PRIOR DUTY	17.3 kVrms
TOV 1s W/PRIOR DUTY	17.5 kVrms
TOV 10s W/PRIOR DUTY	16.8 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	2646 N (595 lbs)
ULTIMATE (max pk)	5293 N (1190 lbs)

RECOMMENDED CLEARANCE (CENTER - CENTER)

PHASE TO GROUND	137 (5.4)
PHASE TO PHASE	246 (9.7)

- 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
43.4	29.9	31.2	31.9	33.5	35.2	37.7	40.8	46.5

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 HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.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 12.7 KV MCOV			
		SIZE S	DWG NO. 112261291	CAT / PART / ASSY NO. EVP001300-3001	REV 0
DO NOT SCALE THIS DRAWING		DRN BY NON	DATE 05/03/11	SHEET 1 OF 1	