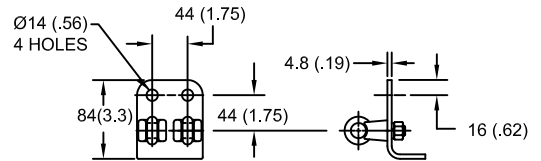
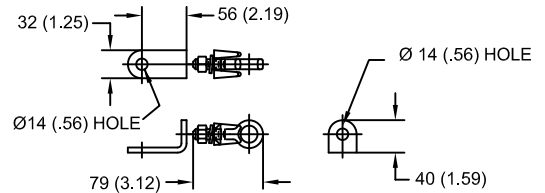


LINE TERMINAL DETAIL



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)	108 kVrms
MCOV (Uc)	88 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	125 kVrms
TOV 10s NO PRIOR DUTY	120 kVrms
TOV 1s W/PRIOR DUTY	119 kVrms
TOV 10s W/PRIOR DUTY	113 kVrms

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

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	503.1 (19.8)
PHASE TO PHASE	582.4 (22.9)

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 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
289	207	216	221	232	244	261	283	322

IEEE C62.11

STATION-CLASS
SURGE ARRESTER

Program Revision
2015.07.30.08.09.10

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 HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.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
88 KV MCOV**

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	181962397	EVP0088003001	1
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 05/03/11	SHEET 1 OF 1



HUBBELL POWER SYSTEMS