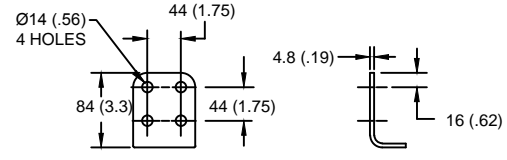
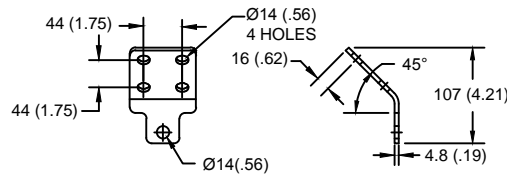


**LINE TERMINAL DETAIL**



HDG 4-HOLE TERMINAL PAD, PART No. 274914-4002

**GROUND TERMINAL DETAIL**



HDG 4-HOLE TERMINAL PAD, PART No. 274914-4001

Ø = DIAMETER  
HDG = HOT DIP GALVANIZED

CHARACTERISTICS	
RATED VOLTAGE (Ur)	108 kVrms
MCOV (Uc)	84 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

<b>IEEE C62.11</b> 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 HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.	<b>TITLE</b> <b>EVP ARRESTER</b> <b>84 KV MCOV</b>			
		SIZE <b>S</b>	DWG NO. <b>191064521</b>	CAT / PART / ASSY NO. <b>EVP0084003012</b>	REV <b>1</b>
		DO NOT SCALE THIS DRAWING	DRN BY <b>NON</b>	DATE <b>05/03/11</b>	SHEET <b>1 OF 1</b>

