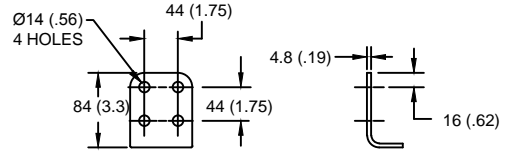
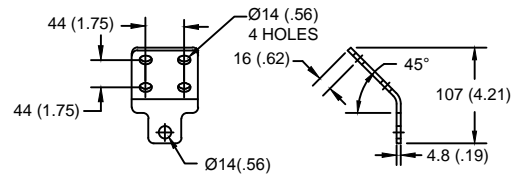


LINE TERMINAL DETAIL



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)	21 kVrms
MCOV (Uc)	17 kVrms
MASS	9.9 kg (21.9 lb)
COG ABOVE BASE	218 (8.6)
CREEPAGE DISTANCE	1029 (40.5)
STRIKE DISTANCE	361 (14.2)
LIGHTNING IMP W/S	207 kVpk
SWITCHING IMP WET W/S	173 kVpk
POWER FREQ WET W/S	101 kVrms
TOV 1s NO PRIOR DUTY	24.2 kVrms
TOV 10s NO PRIOR DUTY	23.1 kVrms
TOV 1s W/PRIOR DUTY	23 kVrms
TOV 10s W/PRIOR DUTY	21.7 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	2173 N (489 lbf)
ULTIMATE (max pk)	4346 N (977 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	64.7 (2.5)
PHASE TO PHASE	86.8 (3.4)

- 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
57.8	40.1	41.7	42.7	44.9	47.1	50.5	54.6	62.3

IEEE C62.11
 STATION-CLASS
 SURGE ARRESTER
 Program Revision
 2015.07.30.08.09.10

REV DATE 05/03/11

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TITLE				EVP ARRESTER 17 KV MCOV			
SIZE	DWG NO.	CAT / PART / ASSY NO.		REV			
S	191054481	EVP0017003012		1			
DO NOT SCALE THIS DRAWING		DRN BY	NON	DATE	05/03/11	SHEET 1 OF 1	

