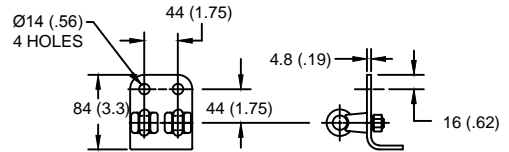
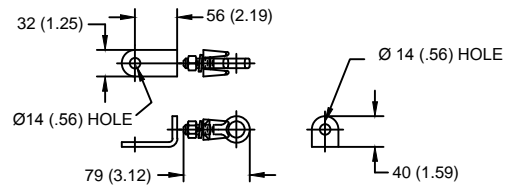


**LINE TERMINAL DETAIL**



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)	192 kVrms
MCOV (Uc)	154 kVrms
MASS	54.6 kg (120 lb)
COG ABOVE BASE	1139 (44.8)
CREEPAGE DISTANCE	5482 (215.8)
STRIKE DISTANCE	1753 (69)
LIGHTNING IMP W/S	1006 kVpk
SWITCHING IMP WET W/S	843 kVpk
POWER FREQ WET W/S	395 kVrms
TOV 1s NO PRIOR DUTY	221 kVrms
TOV 10s NO PRIOR DUTY	211 kVrms
TOV 1s W/PRIOR DUTY	211 kVrms
TOV 10s W/PRIOR DUTY	199 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	256 N (58 lbf)
ULTIMATE (max pk)	1025 N (230 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	919.3 (36.2)
PHASE TO PHASE	1052.9 (41.5)

- 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 WOOD CRATE.

.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
510	366	381	391	411	430	462	499	569

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			
<b>EVP ARRESTER 154 KV MCOV</b>			
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	191064560	EVP0154003010	1
DO NOT SCALE THIS DRAWING	DRN BY	DATE	SHEET
	NON	05/03/11	1 OF 1

