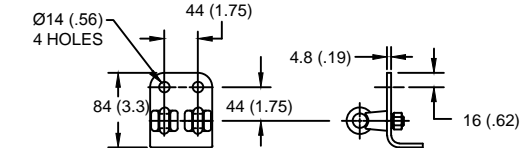
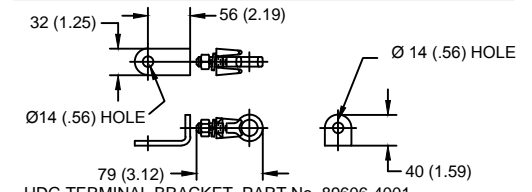


**LINE TERMINAL DETAIL**



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

**SPECIAL NAMEPLATE**

SPECIAL NAMEPLATE TO BE ATTACHED 120° FROM ARRESTER NAMEPLATE ON BASE OF UNIT STAMPED WITH CUSTOMER INFORMATION PROVIDED WITH ORDER.

Ø = DIAMETER  
 HDG = HOT DIP GALVANIZED

CHARACTERISTICS	
RATED VOLTAGE (Ur)	45 kVrms
MCOV (Uc)	36.5 kVrms
MASS	14.2 kg (31.2 lb)
COG ABOVE BASE	312 (12.3)
CREEPAGE DISTANCE	1562 (61.5)
STRIKE DISTANCE	546 (21.5)
LIGHTNING IMP W/S	313 kVpk
SWITCHING IMP WET W/S	263 kVpk
POWER FREQ WET W/S	148 kVrms
TOV 1s NO PRIOR DUTY	51.9 kVrms
TOV 10s NO PRIOR DUTY	49.6 kVrms
TOV 1s W/PRIOR DUTY	49.5 kVrms
TOV 10s W/PRIOR DUTY	46.7 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	1601 N (360 lbf)
ULTIMATE (max pk)	3201 N (720 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	185.1 (7.3)
PHASE TO PHASE	222.9 (8.8)

- 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
121	86.0	89.6	91.8	96.4	101	108	117	134

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 36.5 KV MCOV</b>			
SIZE <b>S</b>	DWG NO. <b>191064538</b>	CAT / PART / ASSY NO. <b>EVP0036003018</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>

