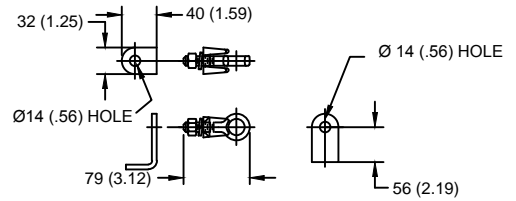
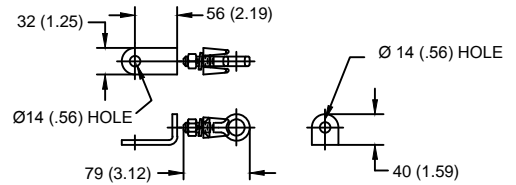


LINE TERMINAL DETAIL



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

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)	10 kVrms
MCOV (Uc)	8.4 kVrms
MASS	6.8 kg (15 lb)
COG ABOVE BASE	150 (5.9)
CREEPAGE DISTANCE	765 (30.1)
STRIKE DISTANCE	221 (8.7)
LIGHTNING IMP W/S	127 kVpk
SWITCHING IMP WET W/S	106 kVpk
POWER FREQ WET W/S	63 kVrms
TOV 1s NO PRIOR DUTY	11.9 kVrms
TOV 10s NO PRIOR DUTY	11.4 kVrms
TOV 1s W/PRIOR DUTY	11.4 kVrms
TOV 10s W/PRIOR DUTY	10.7 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	2974 N (669 lbf)
ULTIMATE (max pk)	5947 N (1337 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	25.4 (1)
PHASE TO PHASE	50.8 (2)

- 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
29.4	19.8	20.6	21.1	22.2	23.3	25.0	27.0	30.8

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

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TITLE				EVP ARRESTER 8.4 KV MCOV			
SIZE	DWG NO.	CAT / PART / ASSY NO.		REV			
S	191054452	EVP0009003002		1			
DO NOT SCALE THIS DRAWING		DRN BY	NON	DATE	05/03/11	SHEET 1 OF 1	

