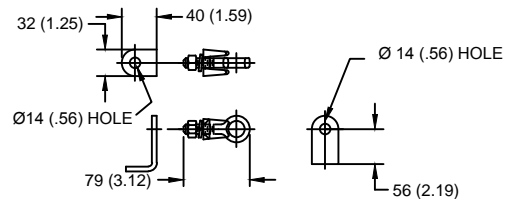
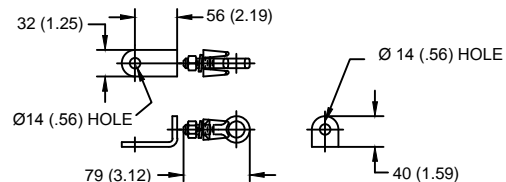


LINE TERMINAL DETAIL



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)	12 kVrms
MCOV (Uc)	10.2 kVrms
MASS	7.8 kg (17.3 lb)
COG ABOVE BASE	173 (6.8)
CREEPAGE DISTANCE	898 (35.4)
STRIKE DISTANCE	267 (10.5)
LIGHTNING IMP W/S	153 kVpk
SWITCHING IMP WET W/S	128 kVpk
POWER FREQ WET W/S	75 kVrms
TOV 1s NO PRIOR DUTY	14.5 kVrms
TOV 10s NO PRIOR DUTY	13.9 kVrms
TOV 1s W/PRIOR DUTY	13.8 kVrms
TOV 10s W/PRIOR DUTY	13 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	2646 N (595 lbf)
ULTIMATE (max pk)	5293 N (1190 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
35.1	24.0	25.0	25.6	26.9	28.2	30.3	32.8	37.4

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 10.2 KV MCOV			
SIZE S	DWG NO. 191054464	CAT / PART / ASSY NO. EVP0010103002	REV 1
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 05/03/11	SHEET 1 OF 1

