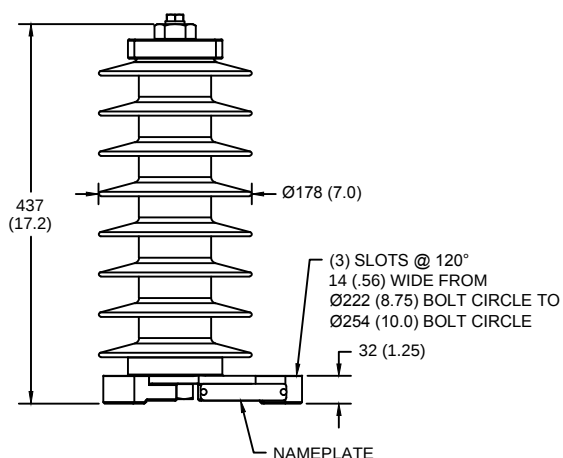
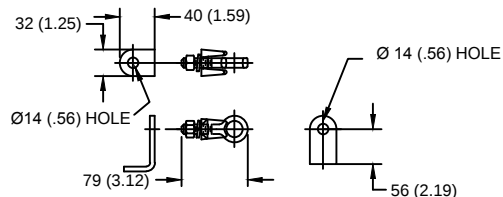


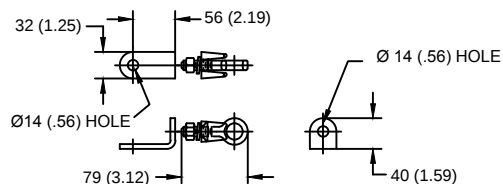


LINE TERMINAL DETAIL



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)	30 kVrms
MCOV (Uc)	24.4 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	34.7 kVrms
TOV 10s NO PRIOR DUTY	33.2 kVrms
TOV 1s W/PRIOR DUTY	33.1 kVrms
TOV 10s W/PRIOR DUTY	31.2 kVrms

CANTILEVER FORCE

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

RECOMMENDED CLEARANCE (METAL - METAL)

PHASE TO GROUND	110.4 (4.3)
PHASE TO PHASE	138.5 (5.5)

NOTES:

- DIMENSIONS IN millimeters(inches) SUBJECT TO ±3% TOLERANCE
- CLEARANCE AND INSULATION W/S VOLTAGE APPLY AT SEA LEVEL
- ARRESTER SUITABLE FOR OPERATION AT ALTITUDES UP TO 4380 m (14370 ft)
- 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
81.2	57.5	59.9	61.3	64.5	67.6	72.5	78.4	89.4

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
24.4 KV MCOV**

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	191064606	EVP0024003002	1
DO NOT SCALE THIS DRAWING	DRN BY	NON	DATE 05/03/11
			SHEET 1 OF 1



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