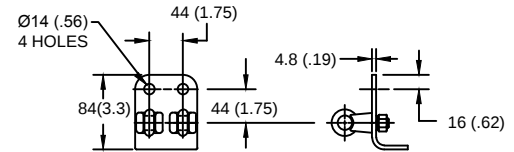
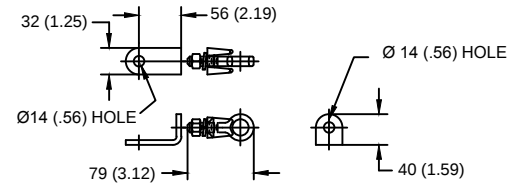


LINE TERMINAL DETAIL



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)	6 kVrms
MCOV (Uc)	5.1 kVrms
MASS	5.7 kg (12.6 lb)
COG ABOVE BASE	127 (5)
CREEPAGE DISTANCE	498 (19.6)
STRIKE DISTANCE	175 (6.9)
LIGHTNING IMP W/S	101 kVpk
SWITCHING IMP WET W/S	84 kVpk
POWER FREQ WET W/S	50 kVrms
TOV 1s NO PRIOR DUTY	7.25 kVrms
TOV 10s NO PRIOR DUTY	6.94 kVrms
TOV 1s W/PRIOR DUTY	6.91 kVrms
TOV 10s W/PRIOR DUTY	6.52 kVrms

CANTILEVER FORCE

MAXIMUM CONTINUOUS	3383 N (761 lbf)
ULTIMATE (max pk)	6766 N (1521 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)

PHASE TO GROUND	25.4 (1)
PHASE TO PHASE	50.8 (2)

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
18.6	12.0	12.5	12.8	13.5	14.1	15.2	16.4	18.7

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
5.1 KV MCOV**

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	191054444	EVP0005003001	1
DO NOT SCALE THIS DRAWING	DRN BY	NON	DATE 05/03/11
			SHEET 1 OF 1



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