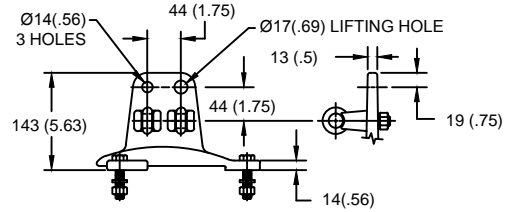
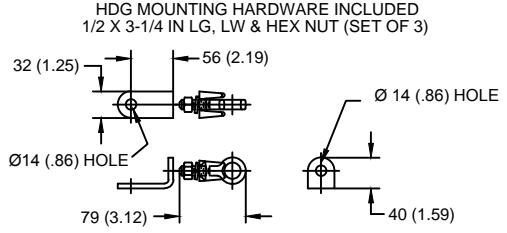


LINE TERMINAL DETAIL



HDG 4-HOLE TERMINAL PAD, PART No. 901704001
 TWO HDG TERMINALS, PART No. 2714143001
 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 MOUNTING HARDWARE INCLUDED
 1/2 X 3-1/4 IN LG, LW & HEX NUT (SET OF 3)
 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)	21 kVrms
MCOV (Uc)	17 kVrms
MASS	12.7 kg (28.1 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	24.2 kVrms
TOV 10s NO PRIOR DUTY	23.1 kVrms
TOV 1s W/PRIOR DUTY	23 kVrms
TOV 10s W/PRIOR DUTY	21.7 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	2112 N (475 lbf)
ULTIMATE (max pk)	4224 N (950 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	64.7 (2.5)
PHASE TO PHASE	86.8 (3.4)

- 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
57.8	40.1	41.7	42.7	44.9	47.1	50.5	54.6	62.3

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 17 KV MCOV			
SIZE S	DWG NO. 191064575	CAT / PART / ASSY NO. EVP3017003003	REV 1
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 05/03/11	SHEET 1 OF 1

