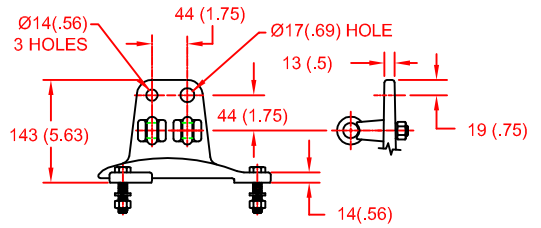
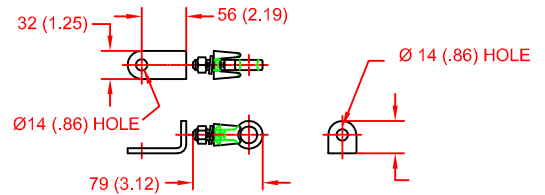


LINE TERMINAL DETAIL

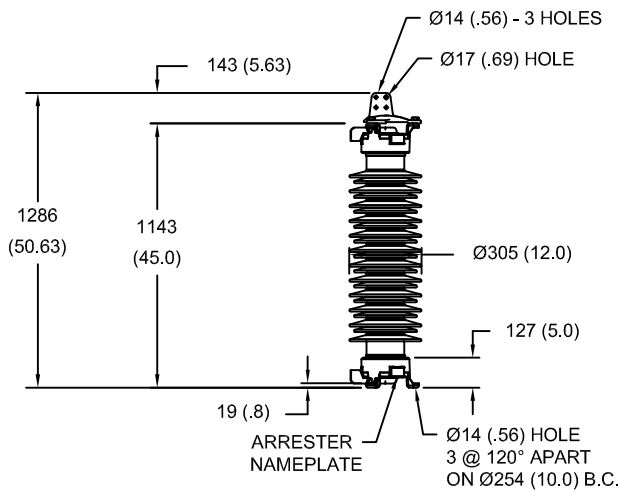


HDG 4-HOLE TERMINAL PAD, PART No. 901704001
 TWO HDG TERMINALS, PART No. 2714143001
 SUITABLE FOR Cu OR Al CONDUCTOR SIZE
 Ø 7 (.25) - Ø 21 (.81) DIA
 25 - 240 sq mm
 AWG#4 - 500 MCM

GROUND TERMINAL DETAIL



HDG TERMINAL BRACKET, PART No. 896064001
 ONE HDG TERMINAL, PART No. 2714143001
 SUITABLE FOR Cu OR Al CONDUCTOR SIZE
 Ø 7 (.25) - Ø 21 (.81) DIA
 25 - 240 sq mm
 AWG#4 - 500 MCM



- 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 3650m (12000ft)

CHARACTERISTICS	
RATED VOLTAGE	120 kVrms
MCOV	98 kVrms
MASS	119kg (263lb)
CREEPAGE DISTANCE	3207 (126.3)
LIGHTNING IMP W/S	520 kV
SWITCHING IMP W/S	455 kV
POWER FREQ W/S	273 kVrms
TOV 1s	146 kVrms
TOV 10s	139 kVrms
COG ABOVE BASE	595 (23.4)
HOUSING	GREY PORCELAIN

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	5288 N (1189lbf)
ULTIMATE (UMS)	13219 N (2972lbf)

RECOMMENDED CLEARANCE (TO METAL PARTS)	
PHASE TO GROUND	543 (21.4)
PHASE TO PHASE	628 (24.7)

DISCHARGE VOLTAGE (kV) FOR INDICATED IMPULSE TYPES AND CURRENT MAGNITUDES							
FRONT OF WAVE	SWITCHING SURGE	8/20 LIGHTNING IMPULSE					
		1.5 kA	3 kA	5 kA	10 kA	20 kA	40 kA
10 kA	1 kA	252	262	271	284	304	334
308	241						

ANSI
 STATION CLASS
 SURGE ARRESTER

Program Revision
 2011.05.26.12.28.00

REV DATE
04/14/11

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TITLE MVN ARRESTER 98 KV MCOV			
SIZE S	DWG NO. 112562514	CAT / PART / ASSY NO. MVN120GA098AA	REV 0
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 04/14/11	SHEET 1 OF 1



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