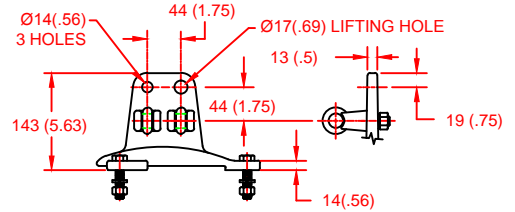
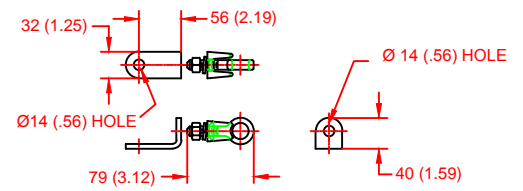


LINE TERMINAL DETAIL

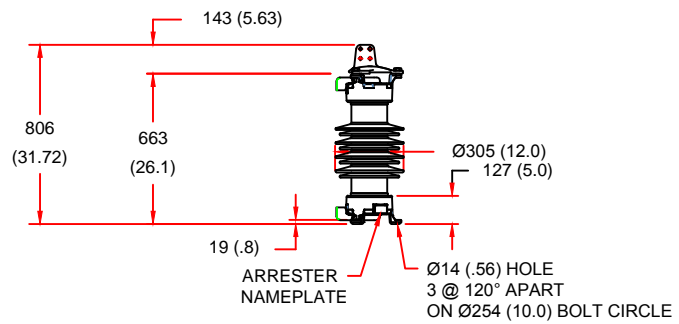


HDG 4-HOLE TERMINAL PAD, PART No. 901704001
 TWO HDG TERMINALS, PART No. 2714143001
 SUITABLE FOR COPPER OR ALUMINUM CONDUCTOR SIZE
 Ø 7 (.25) - Ø 21 (.81)
 25 - 240 sq mm
 AWG#4 - 500 MCM

GROUND TERMINAL DETAIL



HDG TERMINAL BRACKET, PART No. 896064001
 ONE HDG TERMINAL, PART No. 2714143001
 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	42 kVrms
MCOV, Uc	33.6 kVrms
MASS	64kg (141lb)
CREEPAGE DISTANCE	1116 (43.9)
LIGHTNING IMP W/S	276 kV
SWITCHING IMP W/S	220 kV
POWER FREQ W/S	108 kVrms
TOV 1s	46 kVrms
TOV 10s	43 kVrms
SLL BENDING FORCE	8441 N (1898lbf)
SSL BENDING FORCE	21102 N (4744lbf)
COG ABOVE BASE	357 (14.1)
HOUSING	GREY PORCELAIN

RECOMMENDED CLEARANCE (TO METAL PARTS)	
PHASE TO GROUND	163 (6.4)
PHASE TO PHASE	198 (7.8)

- 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)

RESIDUAL VOLTAGE (kV) FOR INDICATED IMPULSE TYPES AND CURRENT MAGNITUDES						
STEEP CURRENT IMPULSE	SWITCHING IMPULSE		8/20 LIGHTNING IMPULSE			
20 kA	0.5 kA	2 kA	5 kA	10 kA	20 kA	40 kA
136	82.5	87.5	94.5	99	106	117

IEC CLASS 4
 SURGE ARRESTER

Program Revision
 2018.12.3.03.25.15
 REV DATE 12/03/15

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TITLE MH4 ARRESTER 42 KV RATED VOLTAGE			
SIZE S	DWG NO. 19831486	CAT / PART / ASSY NO. MH4052GM042AA	REV 2
DO NOT SCALE THIS DRAWING	DRN BY NON	DATE 03/22/11	SHEET 1 OF 1

