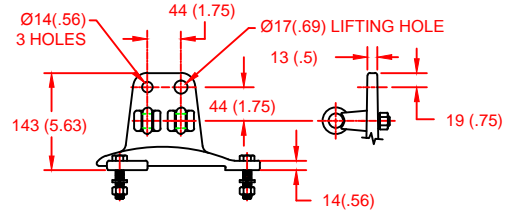
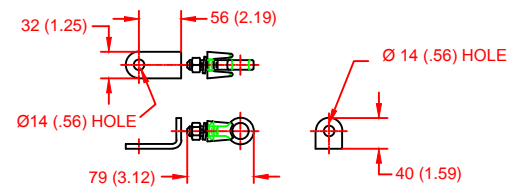


LINE TERMINAL DETAIL



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	312 kVrms
MCOV, Uc	249.6 kVrms
MASS	388kg (854lb)
CREEPAGE DISTANCE	10955 (431.3)
LIGHTNING IMP W/S	1715 kV
SWITCHING IMP W/S	1532 kV
POWER FREQ W/S	984 kVrms
TOV 1s	345 kVrms
TOV 10s	323 kVrms
SLL BENDING FORCE	1743 N (392lbf)
SSL BENDING FORCE	4357 N (979lbf)
COG ABOVE BASE	2052 (80.8)
HOUSING	BROWN PORCELAIN

RECOMMENDED CLEARANCE (TO METAL PARTS)	
PHASE TO GROUND	1465 (57.7)
PHASE TO PHASE	1670 (65.8)

- 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
958	608	645	697	732	784	863

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 312 KV RATED VOLTAGE			
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	19831493	MH4420BH312AA	2
DO NOT SCALE THIS DRAWING	DRN BY	DATE	SHEET
	NON	03/22/11	1 OF 1

