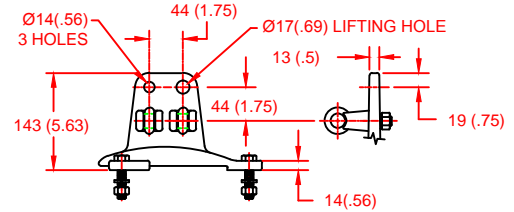
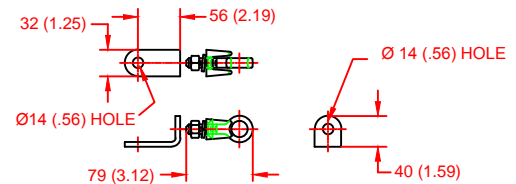


LINE TERMINAL DETAIL



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	198 kVrms
MCOV, Uc	158.4 kVrms
MASS	233kg (513lb)
CREEPAGE DISTANCE	6414 (252.5)
LIGHTNING IMP W/S	1018 kV
SWITCHING IMP W/S	936 kV
POWER FREQ W/S	588 kVrms
TOV 1s	219 kVrms
TOV 10s	205 kVrms
SLL BENDING FORCE	2800 N (629lbf)
SSL BENDING FORCE	6999 N (1573lbf)
COG ABOVE BASE	1221 (48.1)
HOUSING	BROWN PORCELAIN

RECOMMENDED CLEARANCE (TO METAL PARTS)	
PHASE TO GROUND	916 (36.1)
PHASE TO PHASE	1049 (41.3)

- 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
608	386	410	443	465	498	548

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
 198 KV RATED VOLTAGE**

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	19831488	MH4245BH198AA	2
DO NOT SCALE THIS DRAWING	DRN BY	DATE	SHEET
	NON	03/22/11	1 OF 1



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