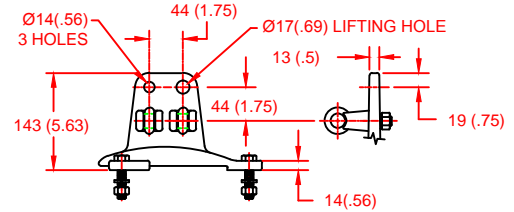
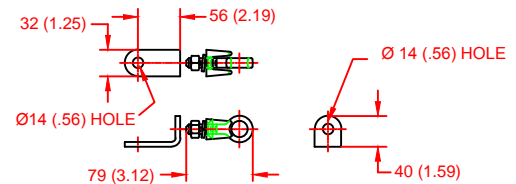


LINE TERMINAL DETAIL



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	192 kVrms
MCOV, Uc	153.6 kVrms
MASS	204kg (449lb)
CREEPAGE DISTANCE	5080 (200.0)
LIGHTNING IMP W/S	882 kV
SWITCHING IMP W/S	804 kV
POWER FREQ W/S	424 kVrms
TOV 1s	212 kVrms
TOV 10s	199 kVrms
SLL BENDING FORCE	3240 N (728lbf)
SSL BENDING FORCE	8100 N (1821lbf)
COG ABOVE BASE	1036 (40.8)
HOUSING	BROWN PORCELAIN

RECOMMENDED CLEARANCE (TO METAL PARTS)	
PHASE TO GROUND	887 (34.9)
PHASE TO PHASE	1017 (40.0)

- 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 2800m (9100ft)

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
584	375	398	430	451	483	532

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 192 KV RATED VOLTAGE			
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	19831434	MH4245BM192AA	2
DO NOT SCALE THIS DRAWING	DRN BY	DATE	SHEET
	NON	03/22/11	1 OF 1



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