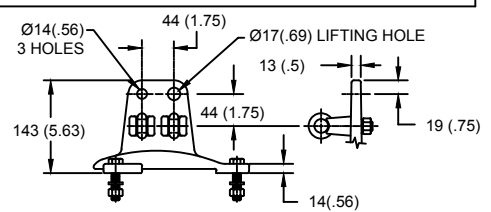
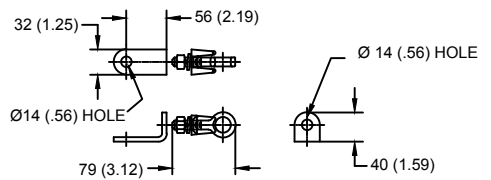


LINE TERMINAL DETAIL



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	96 kVrms
MCOV	76 kVrms
MASS	100kg (220lb)
CREEPAGE DISTANCE	2540 (100.0)
LIGHTNING IMP W/S	436 kV
SWITCHING IMP W/S	388 kV
POWER FREQ W/S	216 kVrms
TOV 1s	113 kVrms
TOV 10s	108 kVrms
COG ABOVE BASE	513 (20.2)
HOUSING	GREY PORCELAIN
CANTILEVER FORCE	
MAXIMUM CONTINUOUS	6067 N (1364lbf)
ULTIMATE (UMS)	15166 N (3409lbf)
RECOMMENDED CLEARANCE (TO METAL PARTS)	
PHASE TO GROUND	413 (16.3)
PHASE TO PHASE	481 (18.9)

- 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)

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	0.5 kA	196	204	211	221	236	260
240	182						

IEEE C62.11
 STATION CLASS
 SURGE ARRESTER
 Program Revision
 2021.04.27.02.51.45
 REV DATE
09/20/13

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TITLE				MVN ARRESTER 76 KV MCOV			
SIZE	DWG NO.	CAT / PART / ASSY NO.		REV			
S	2130815910	MVN096GA076AA		1			
DO NOT SCALE THIS DRAWING		DRN BY	NON	DATE	04/14/11	SHEET 1 OF 1	