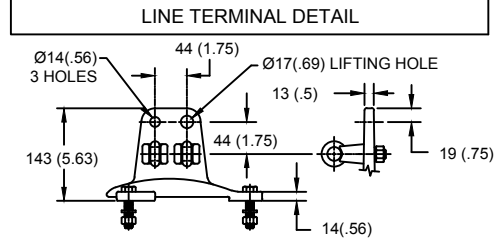
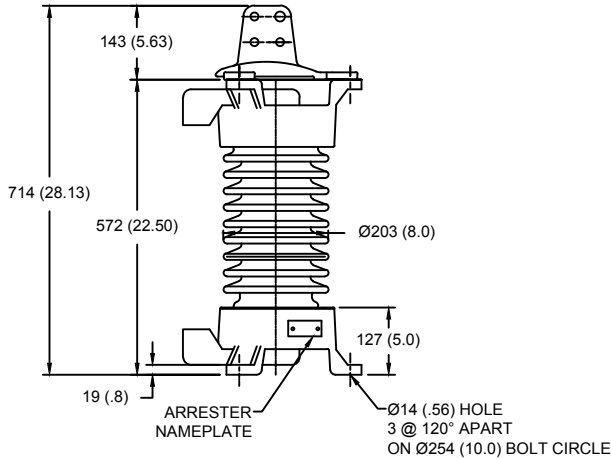
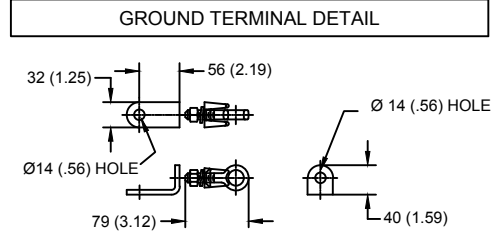


ARRESTER PACKED IN A CORRUGATED BOX



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



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	36 kVrms
MCOV	29 kVrms
MASS	47kg (104lb)
CREEPAGE DISTANCE	805 (31.7)
LIGHTNING IMP W/S	200 kV
SWITCHING IMP W/S	160 kV
POWER FREQ W/S	80 kVrms
TOV 1s	42.7 kVrms
TOV 10s	41.0 kVrms
COG ABOVE BASE	316 (12.4)
HOUSING	GREY PORCELAIN

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	4428 N (995lbf)
ULTIMATE (UMS)	11071 N (2489lbf)

RECOMMENDED CLEARANCE (TO METAL PARTS)	
PHASE TO GROUND	145 (5.7)
PHASE TO PHASE	116 (4.6)

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 4500m (14800ft)

DISCHARGE VOLTAGE (kV) FOR INDICATED IMPULSE TYPES AND CURRENT MAGNITUDES								
FRONT OF WAVE	SWITCHING SURGE		8/20 LIGHTNING IMPULSE					
10 kA	0.5 kA	1 kA	1.5 kA	3 kA	5 kA	10 kA	20 kA	40 kA
94.5	69.5	72	74.4	78.4	82.2	88	96.4	107.6

IEEE C62.11
STATION CLASS
IEC 60099-4
CLASS SM
SURGE ARRESTER
Program Revision
2021.04.27.02.51.45

REV DATE
01/11/2021

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TITLE			
VL ARRESTER 29 KV MCOV			
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	222422749	VLN036GA029AA	1
DO NOT SCALE THIS DRAWING	DRN BY	NON	DATE 01/11/2021
		SHEET	1 OF 1



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