

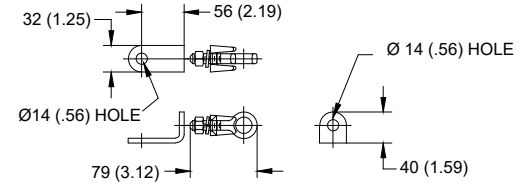


LINE TERMINAL DETAIL



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

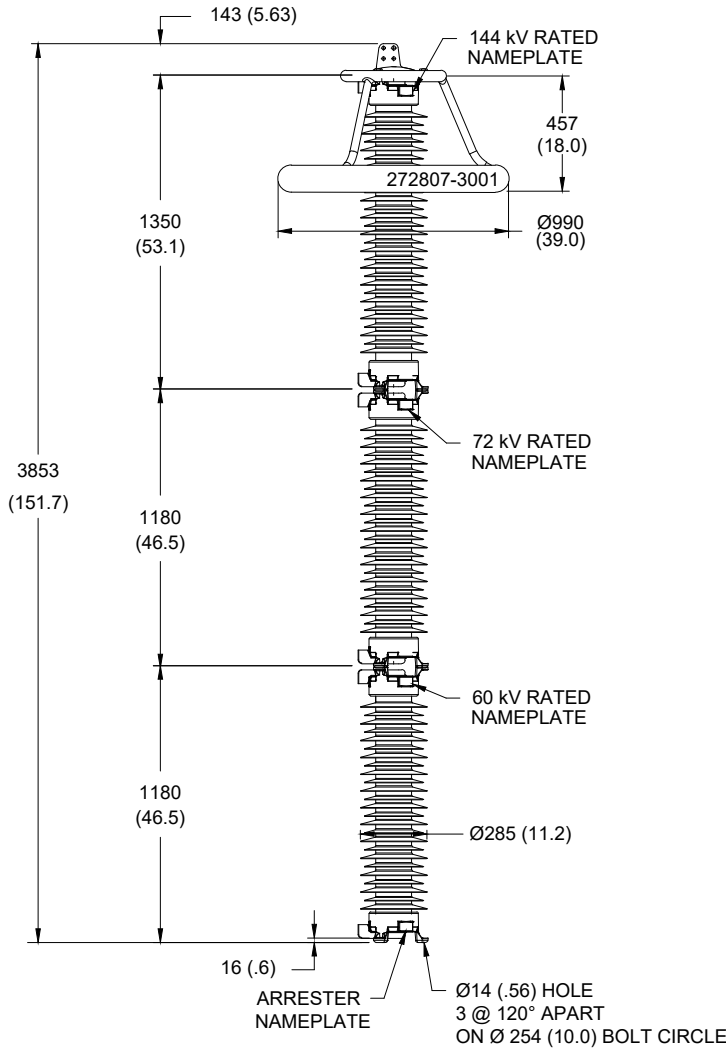
RATED VOLTAGE , Ur	276	kVrms
MCOV, Uc	220.8	kVrms
MASS	214.6 kg (473.1 lb)	
COG ABOVE BASE	2058 (81)	
CREEPAGE DISTANCE	11610 (457.1)	
STRIKE DISTANCE	3148 (123.9)	
LIGHTNING IMP W/S	1860	kV
SWITCHING IMP WET W/S	1348	kV
POWER FREQ WET W/S	957	kVrms
TOV 1s NO PRIOR DUTY	329.5	kVrms
TOV 10s NO PRIOR DUTY	315.2	kVrms
TOV 1s W/PRIOR DUTY	313.5	kVrms
TOV 10s W/PRIOR DUTY	293.9	kVrms
HOUSING	GREY SILICONE	
ENERGY LEVEL	10kJ/kV Ur	

CANTILEVER FORCE

SLL BENDING FORCE	1038 N (233 lb-force)
SSL BENDING FORCE	2076 N (467 lb-force)

RECOMMENDED CLEARANCE (METAL - METAL)

PHASE TO GROUND	1302 (51.3)
PHASE TO PHASE	1486 (58.5)



- 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)  
 4. PACKAGED IN A WOOD CRATE

MAXIMUM RESIDUAL VOLTAGE (kV)

STEEP CURRENT IMPULSE	SWITCHING IMPULSE		8/20 LIGHTNING IMPULSE					
	500 A	2 kA	1.5 kA	3.0 kA	5 kA	10 kA	20 kA	40 kA
20 kA	525	564	559	583	606	645	699	769

TITLE

PH4 ARRESTER 276 kV RATED VOLTAGE

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20kA Arrester  
 IEC SH CLASS

SIZE CATALOG NUMBER  
 S PH4362GV276AA

REV  
 0

REV DATE  
 09-01-25

DO NOT SCALE  
 THIS DRAWING

DRN BY NON

DATE CREATED 09-01-25

SHEET 1 OF 1