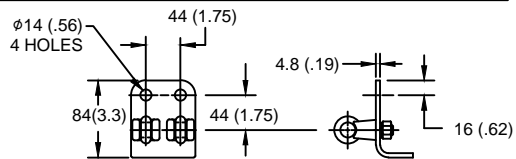


SIZE A	DWG NO 911XPA027AS	SHT 1	REV
REV	DESCRIPTION	DATE	APPROVED

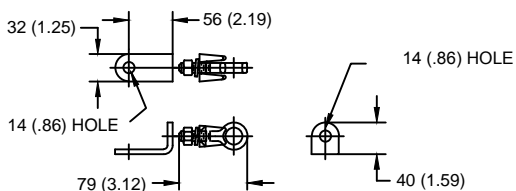
GE Tranquell® 22 kV MCOV

LINE TERMINAL DETAIL

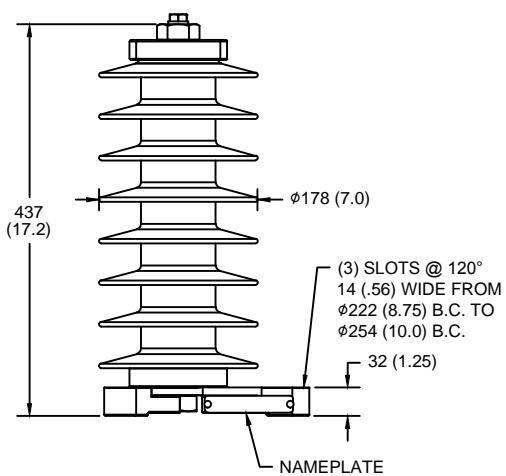


HDG 4-HOLE TERMINAL PAD,
TWO HDG TERMINALS,
SUITABLE FOR Cu OR Al CONDUCTOR SIZE
φ 7 (.25) - φ 21 (.81) DIA
25 - 240 sq mm
AWG#4 - 500 MCM

GROUND TERMINAL DETAIL



HDG TERMINAL BRACKET
ONE HDG TERMINAL
SUITABLE FOR Cu OR Al CONDUCTOR SIZE
φ 7 (.25) - φ 21 (.81) DIA
25 - 240 sq mm
AWG#4 - 500 MCM



CHARACTERISTICS

RATED VOLTAGE	27 kVrms
MCOV	22 kVrms
MASS	9.9 kg (21.9 lb)
COG ABOVE BASE	218 (8.6)
CREEPAGE DISTANCE	1029 (40.5)
STRIKE DISTANCE	361 (14.2)
LIGHTNING IMP W/S	207 kVpk
SWITCHING IMP WET W/S	173 kVpk
POWER FREQ WET W/S	101 kVrms
TOV 1s NO PRIOR DUTY	31.3 kVrms
TOV 10s NO PRIOR DUTY	29.9 kVrms
TOV 1s W/PRIOR DUTY	30.3 kVrms
TOV 10s W/PRIOR DUTY	29 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	2173 N (489 lbs)
ULTIMATE (max pk)	4346 N (977 lbs)

RECOMMENDED CLEARANCE (CENTER - CENTER)	
PHASE TO GROUND	119.5 (4.7)
PHASE TO PHASE	152.2 (6.0)

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 4380 m (14370 ft)
4. PACKAGED IN A CORRUGATED BOX.

.5μ SEC 10kA IR kV	SWITCHING SURGE IR kV		MAXIMUM 8/20 DISCHARGE VOLTAGE - kV AT					
	500 A	1 KA	1.5 kA	3.0 kA	5 kA	10 kA	20 kA	40 kA
73.6	51.8	54.0	55.3	58.1	60.9	65.4	70.7	80.6

GE ENERGY
FORT EDWARD, N.Y., U.S.A.

SIZE
A
ANSI/IEEE C62.11
STATION CLASS

ARRESTER 9L11XPA027AS

DRAWN	DCS	DATE	11/20/2014
ISSUED		DATE	11/20/2014

SCALE		SHEET	1	CONT	ON
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DISTR. TO