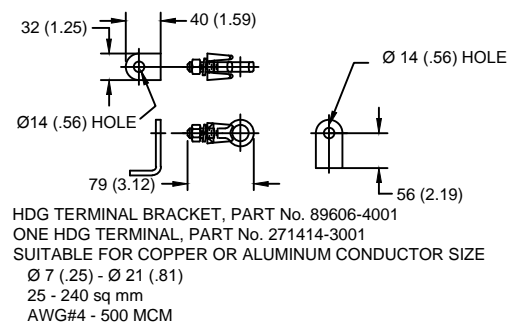
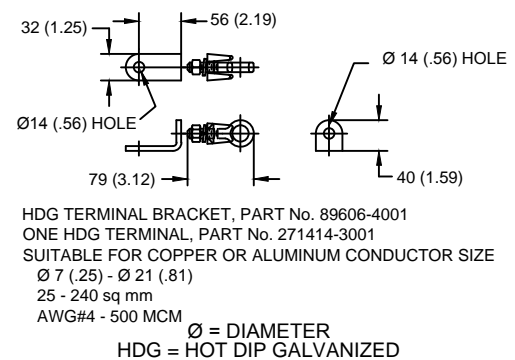


**LINE TERMINAL DETAIL**



**GROUND TERMINAL DETAIL**



CHARACTERISTICS	
RATED VOLTAGE (Ur)	192 kVrms
MCOV (Uc)	152 kVrms
MASS	54.6 kg (120 lb)
COG ABOVE BASE	1139 (44.8)
CREEPAGE DISTANCE	5482 (215.8)
STRIKE DISTANCE	1753 (69)
LIGHTNING IMP W/S	1006 kVpk
SWITCHING IMP WET W/S	843 kVpk
POWER FREQ WET W/S	395 kVrms
TOV 1s NO PRIOR DUTY	221 kVrms
TOV 10s NO PRIOR DUTY	211 kVrms
TOV 1s W/PRIOR DUTY	211 kVrms
TOV 10s W/PRIOR DUTY	199 kVrms

CANTILEVER FORCE	
MAXIMUM CONTINUOUS	256 N (58 lbf)
ULTIMATE (max pk)	1025 N (230 lbf)

RECOMMENDED CLEARANCE (METAL - METAL)	
PHASE TO GROUND	919.3 (36.2)
PHASE TO PHASE	1052.9 (41.5)

- 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 4380 m (14370 ft)  
 4. PACKAGED IN A WOOD CRATE.

.5µSEC 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
510	366	381	391	411	430	462	499	569

**IEEE C62.11**  
 STATION-CLASS  
 SURGE ARRESTER  
 Program Revision  
 2015.07.30.08.09.10  
 REV DATE 05/03/11

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**TITLE**  
**EVP ARRESTER**  
**152 KV MCOV**

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
S	1910622	EVP0152003002	1
DO NOT SCALE THIS DRAWING	DRN BY	DATE	SHEET
	NON	05/03/11	1 OF 1

