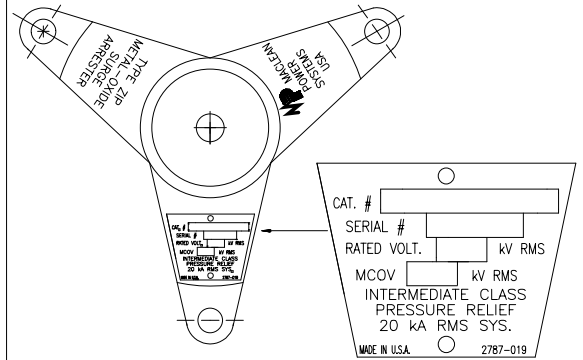
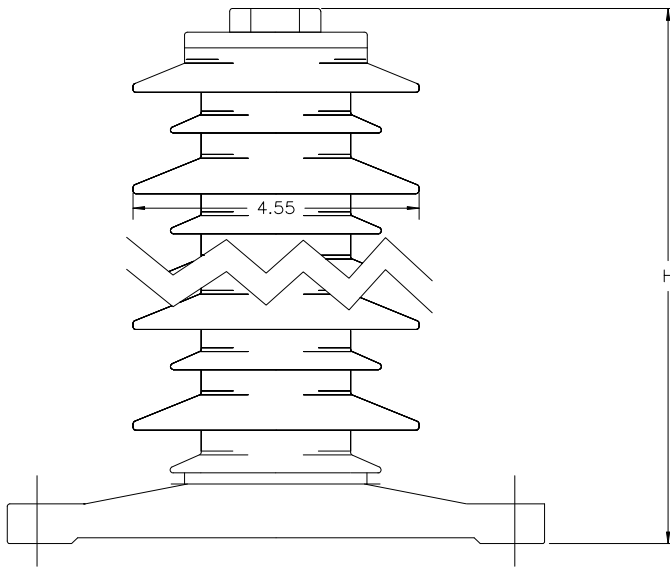


THREE PHASE INSTALLATION LAYOUT



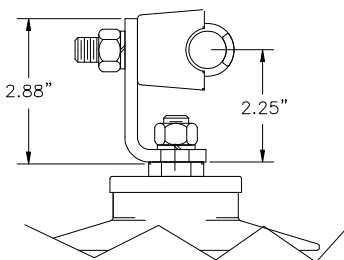
TRIPOD BASE AND NAMEPLATE



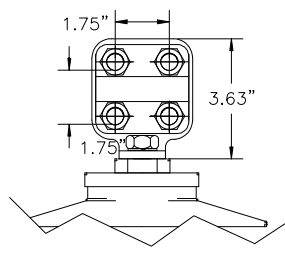
PHYSICAL CHARACTERISTICS

HEIGHT IN./(MM)	CREEP IN./(MM)	WEIGHT LBS./(kg)
14.6/(370)	38.1/(967)	14.7/(6.7)

Min. Clearance - in./(mm)		Pressure Relief
A	R	
10.5/(267)	8.8/(224)	20 kA



TOP TERMINAL OPTION 1
USED ON -1111, -1131



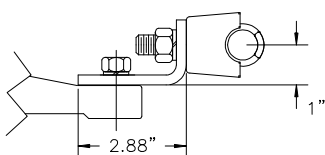
TOP TERMINAL OPTION 2
USED ON -1211, -1231

ELECTRICAL CHARACTERISTICS

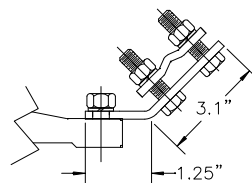
RATING kV-RMS	MCOV kV-RMS	F.O.W. kV-CREST	MAX SWITCH. kV-CREST
30	24.4	83.5	61.9

MAX DISCHARGE VOLTAGE (kV-CREST)

1.5 kA	3 kA	5 kA	10 kA	20 kA	40 kA
66.2	70.0	73.2	79.0	87.4	98.4



BOTTOM TERMINAL OPTION 1
USED ON -1111, -1211



BOTTOM TERMINAL OPTION 3
USED ON -1231, -1131



MACLEAN POWER SYSTEMS

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POLYMER HOUSED GAPLESS METAL OXIDE
ZJP INTERMEDIATE CLASS ARRESTER
30 KV RATED, 24.4 KV MCOV
PRESSURE RELIEF 20 KA

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