

Model V21.1 – Medium Voltage Potential Transformer
Maximum System Voltage 15.5 kV, BIL 110kV full wave



- UL and cUL Approved (File #E247592)
- As per ANSI/IEEE C57.13 OR IEC 60044 OR relevant standard

TABLES (Specify Catalog # and Group with the RFQ)

TWO BUSHING				
CATALOG #*	GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE
V21.1-2-722FF	1	7200	60:1	120
V21.1-2-842FF	1	8400	70:1	120
V21.1-2-113FF	2	11000	100:1	110-50Hz
V21.1-2-123FF	2	12000	100:1	120
V21.1-2-1322FF	2	13200	110:1	120
V21.1-2-1442FF	2	14400	120:1	120

SINGLE BUSHING				
CATALOG #*	GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE
V21.1-722F	4A	7200	60:1	120
V21.1-842F	4A	8400	70:1	120
V21.1-113F	4B	11000	100:1	110-50Hz
V21.1-123F	4B	12000	100:1	120
V21.1-1322F	4B	13200	110:1	120
V21.1-1442F	4B	14400	120:1	120

* FF for two fuses, F for single fuse, leave blank for no fuse

INSULATION LEVEL

15.5 kV, BIL 110 kV full wave

FREQUENCY

60 Hz (50 Hz upon request)

ACCURACY CLASS

0.3WXMZY, 1.2ZZ @ 100% rated V, 120V based ANSI burden

0.3WXMZY, 1.2ZZ @ 58% rated V, 69.3V based ANSI burden

THERMAL RATING

1500 VA @ 30 deg. C ambient

1000 VA @ 55 deg. C ambient

OUTER ENCAPSULATION

Resin Encapsulated

PRIMARY TERMINALS

1/4"-20 Brass screw with one flat washer and lock washer

SECONDARY TERMINALS

M5X0.8 Female Insert, with brass slotted panhead screw, two plain washers and one lock washer

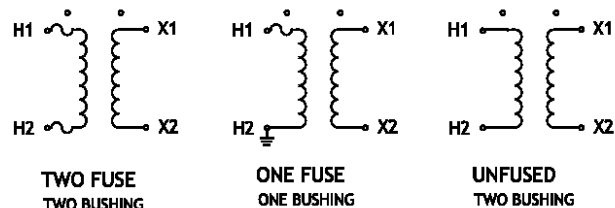
APPROX. WEIGHT

90 lbs.

PLATED STEEL MOUNTING BASE

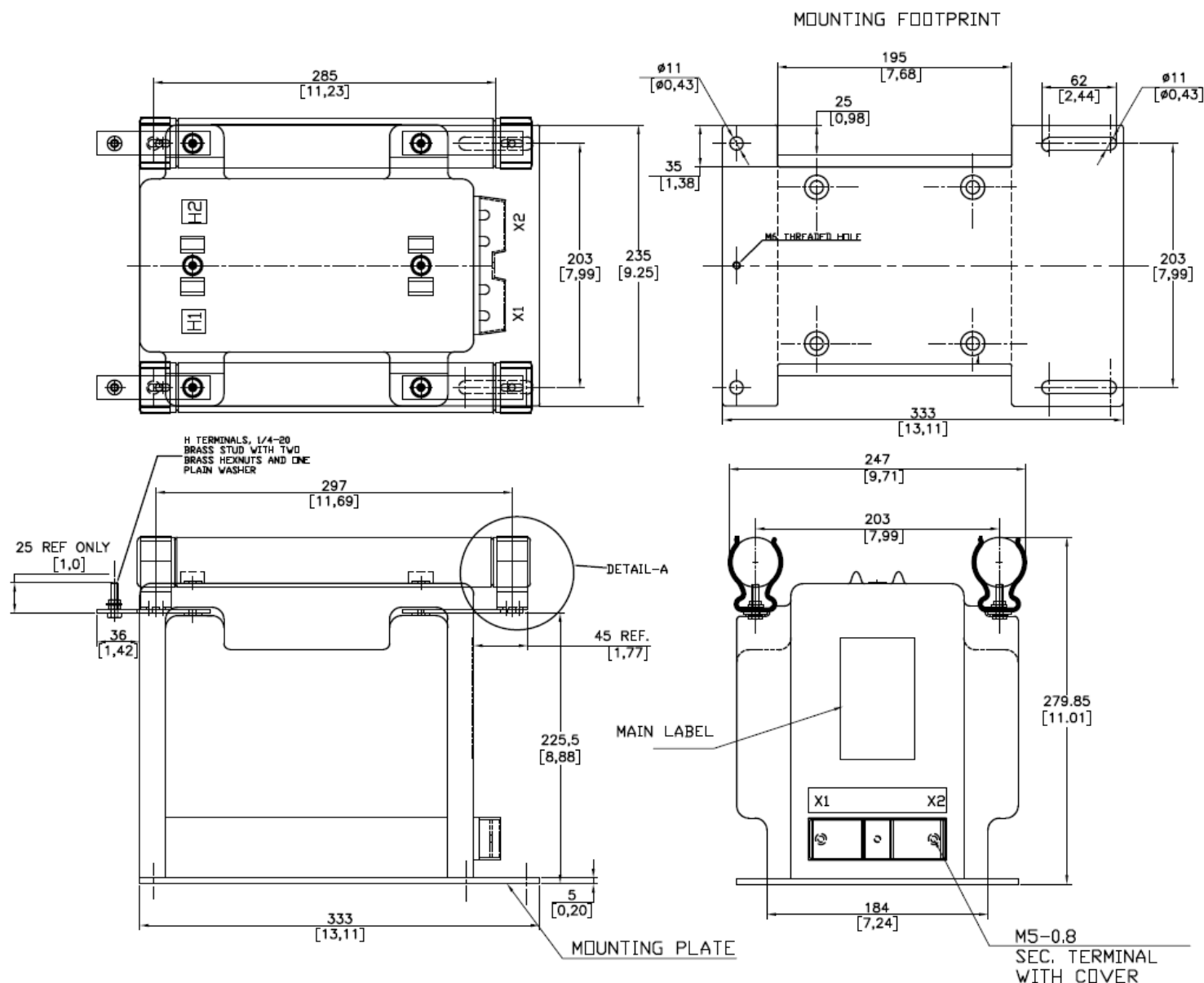
CUSTOM OPTIONS (CONTACT US)

- Different Ratios, Accuracies
- Non-standard thermal rating
- Different encapsulation
- Different secondary termination
- Special mounting needs etc.



DIMENSIONS: Dimensions are in mm [inches]

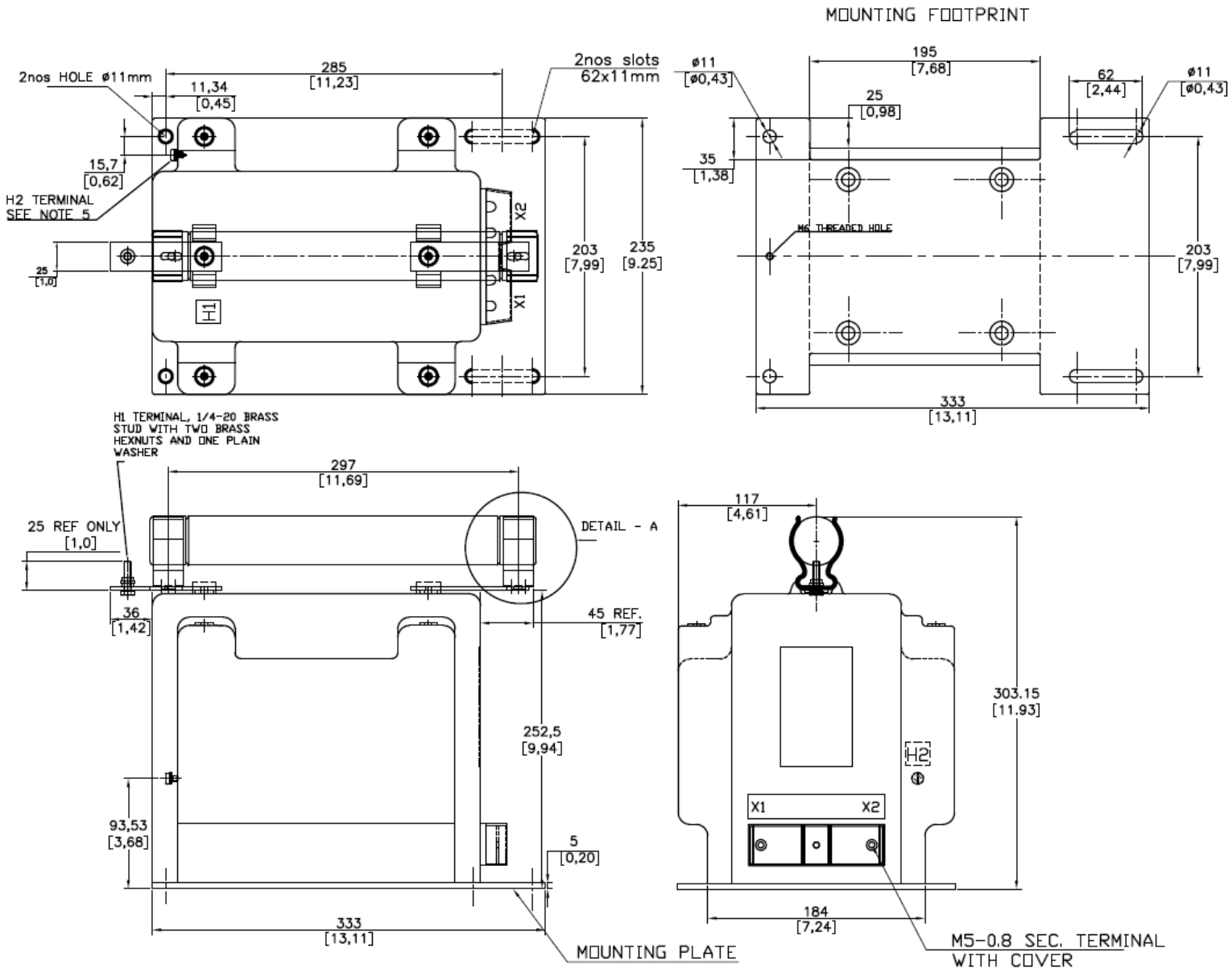
TWO BUSHING, TWO FUSE



- Standard Fuse:
 - 15.5kV, 1.0E fuse for primary voltages below 10kV
 - 15.5kV, 0.5E fuse for primary voltages above 10kV
- Fuse clips accept 1.63" diameter fuses with Max. length of 12.87"
- Fuses are intended to protect the system and not the PT in the event of a failure

DIMENSIONS: Dimensions are in mm [inches]

SINGLE BUSHING, ONE FUSE



- Standard Fuse:
 - 15.5kV, 1.0E fuse for primary voltages below 10kV
 - 15.5kV, 0.5E fuse for primary voltages above 10kV
- Fuse clips accept 1.63" diameter fuses with Max. length of 12.87"
- Fuses are intended to protect the system and not the PT in the event of a failure