

Model V20.2 Medium Voltage Potential Transformer
Maximum System Voltage 13.2kV, BIL 95kV full wave



- **UL and cUL Recognized**
- **As per ANSI/IEEE C57.13 OR IEC 60044 OR relevant standard**

INSULATION LEVEL

13.2 kV, BIL 95 kV full wave

FREQUENCY

60 Hz (50 Hz upon request)

ACCURACY CLASS

0.3WX, 0.6MY, 1.2Z @ 100% rated V, 120V based ANSI burden
0.3WX, 0.6MY, 1.2Z @ 58% rated V, 69.3V based ANSI burden

THERMAL RATING

600 VA/phase @ 30 deg. C ambient

OUTER ENCAPSULATION

Polyurethane/Epoxy Resin Encapsulated

PRIMARY TERMINALS

Suitable for 10-32 or M5 screws with one flat washer and lock washer and two nuts.

SECONDARY TERMINALS

Brass insert with M5 Brass screw with one flat washer and lock washer (10-32 screw with option available)

APPROX. WEIGHT

160 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.
- Option for isolated primary neutral possible.

TABLE

CATALOG NUMBER	CONNECTION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	WINDING RATIO
V20.2-722X-3P	WYE- WYE	7200	120	60:1
V20.2-842X-3P	WYE- WYE	8400	120	70:1
V20.2-113X-3P	WYE- WYE	11000	110, 60Hz	100:1
V20.2-123X-3P	WYE- WYE	12000	120	100:1
V20.2-133X-3P	WYE- WYE	13200	120	110:1

- X=F for fuse, leave blank for no fuse
- Primary star point to be grounded
- Fuse rating 0.5 Amp

AMRAN
INSTRUMENT TRANSFORMERS

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