Indoor/Outdoor Voltage Transformer
Model PTM-O 10kV BIL, 600V

APPLICATION
Designed for indoor and outdoor service; suitable for operating meters, instruments, relays and control devices.

THERMAL RATING (VOLT-AMPERES)
55°C Rise above 30°C Ambient .....200 VA

WEIGHT (Approximate)
Unfused .....9.75 lbs

REFERENCE DRAWINGS
Outline 0122C02910

INSULATION LEVEL
0.6kV; BIL 10kV full wave

FREQUENCY
60 Hz

PTM-0 DATA TABLE

Transformer Rating		IEEE Accuracy Class, 60 Hz. Burden per IEEE		Approval number from CCAC	Catalog Number
Primary Voltage	Ratio	W	X		
120	1:1	0.3	0.6	T-148-2	420-001
240	2:1	0.3	0.6	T-148-2	420-002
300	2.5:1	0.3	0.6	T-148-2	420-003
360	3:1	0.3	0.6	T-148	420-004
480	4:1	0.3	0.6	T-148-1	420-005
600	5:1	0.3	0.6	T-148	420-006

* For these models please contact factory for availability and approval number from CCAC for revenue metering application.

Construction and Insulation
The core and coil are placed in a plastic shell made from
and encapsulated in a polyurethane.

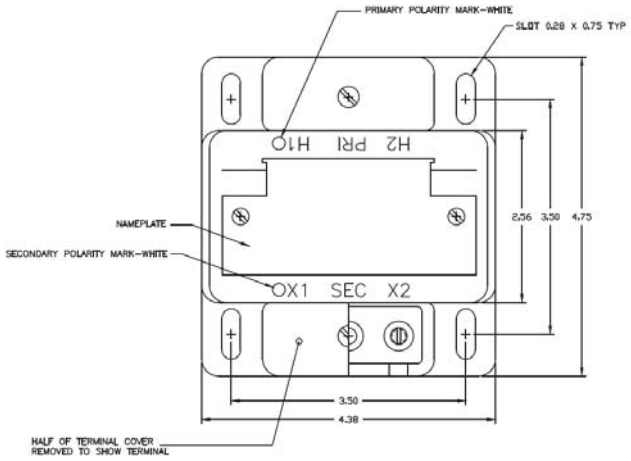
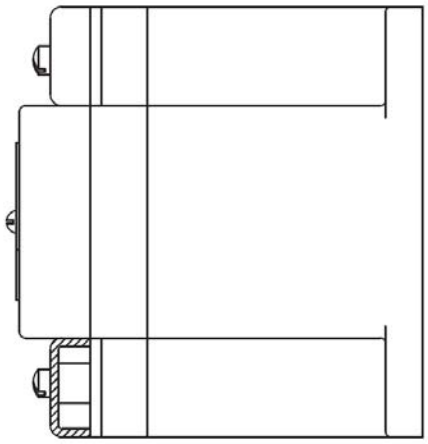
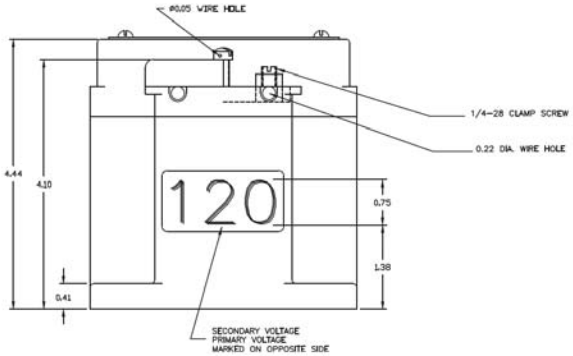
Core & Coil
The primary and secondary coils are precision wound on an insulated spool. Once the coils are wound, a distributed gap, grain oriented silicone steel core is positioned through the center of and around the outside of this combined coil.

Primary Terminals
These compression terminals, identified as H1 and H2, are conveniently located on top of the transformer. They are fixed, tin plated, brass posts with holes to accommodate No. 6 to No. 14 wire sizes. The brass screws for securing wires to the posts are tin-plated.

Secondary Terminals
These compression terminals, identified as X1 and X2, are conveniently located on top of the transformer. They are fixed, tin plated, brass posts with holes to accommodate No. 6 to No. 14 wire sizes. The brass screws for securing wires to the posts are tin-plated.

Nameplates
The nameplate is laser engraved aluminum. It is mounted on the top of the transformer. Provision is made for attaching the user's identifying tag.

Cover
A transparent, plastic terminal cover is furnished over the primary and secondary terminals. This cover provides a safe means of observing the electrical connections without requiring its removal.

Maintenance
These transformers require no maintenance, other than occasional cleaning.

Data subject to change without notice