



COV 600V Metering CT

Applications

600V metering current transformers are used in a variety of commercial metering applications where revenue class metering is necessary for billing purposes. The COV is specifically designed to fit on a 4" primary bus found in padmount transformers and can handle temps up to 85° C.

High Accuracy, Extended Range

High accuracy, extended range current transformers exceed the IEEE 0.15S accuracy standard. These CTs meet or exceed every 600V metering class CT in the industry with an accuracy of 0.15% from 1% of nominal current through rating factor. The COV is also available in standard accuracy.

Construction

The core is constructed from wound layers of high accuracy, low loss electrical grade steel. The core is evenly wound with enamel coated copper wire to ensure against potential short circuits. The core and coil assembly is encapsulated in polyurethane specifically engineered for premium dielectric, mechanical and thermal properties for indoor and outdoor applications.

Test Reports

Each COV has a unique serial number which allows the customer to track each test record. Certified test reports are stored electronically and provided with every shipment.

Specifications

Insulation: 600V, 10kV BIL

Frequency: 60 Hz

Environment: Indoor/outdoor

Standards: IEEE C57.13-2016

RUS: The COV is RUS Listed

Cross Reference

ABB CMV-S, Artech IRH-7, GE JAB-0S, GEC Durham Type AP, Ritz DCDW



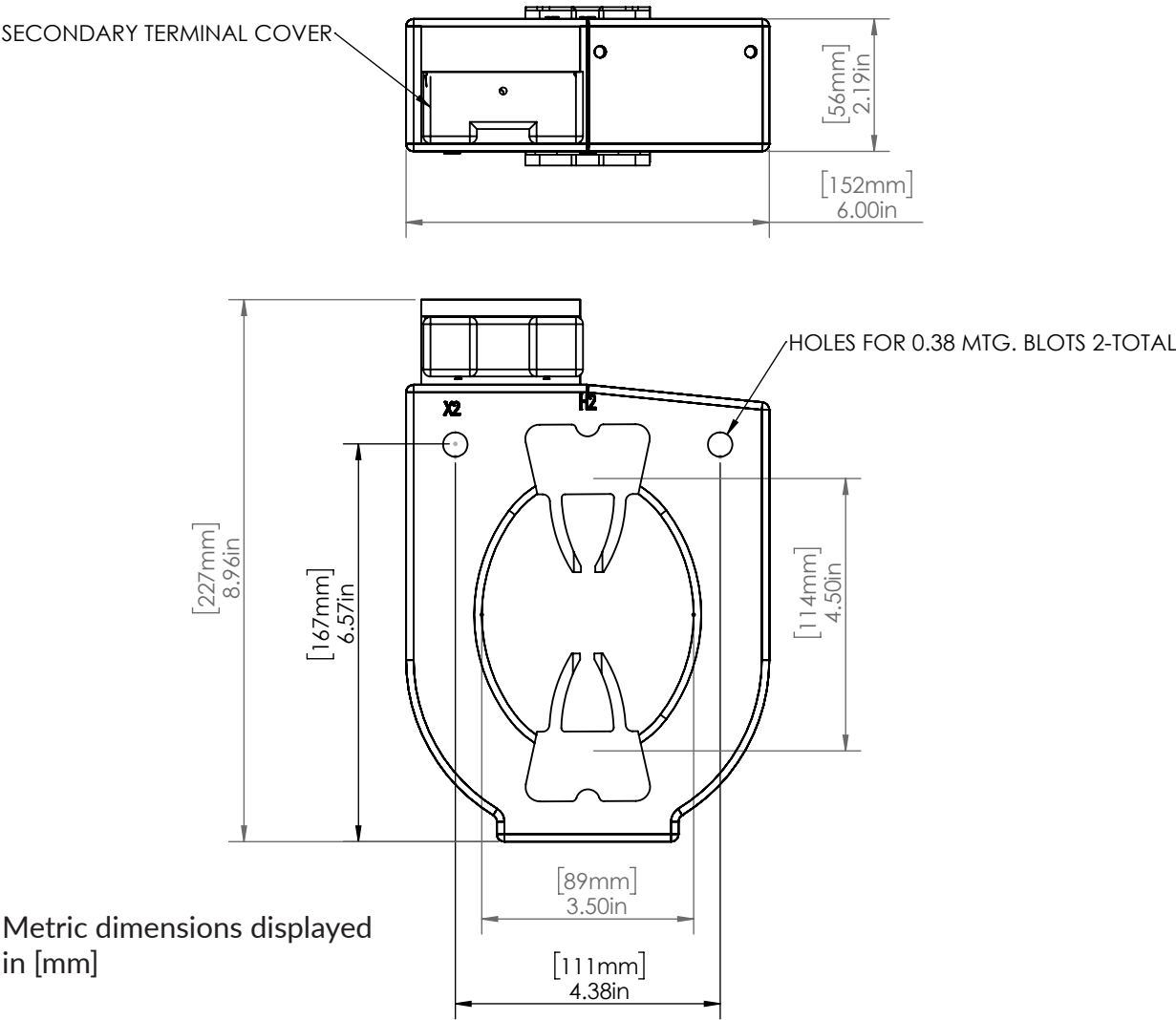
AccuGrid™ Easy

- Ready to ship within 24 hours
- The industry's only 10-year warranty on instrument transformers
- Highest rating factors, temperature performance, and accuracies
- The broadest portfolio to match or replace any legacy brand
- Solid dielectric construction for extended outdoor life

Last revised: June 19, 2025

Photo by Fré Sonneveld on Unsplash

Dimensions



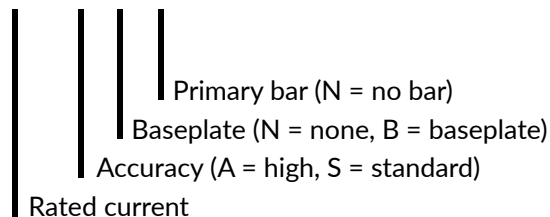
Selection Guide

Product Number	Rated Current (A)	IEEE Metering Accuracy	Rating Factor
High Accuracy	Ratio		85° C
COV0500ANN	500:5	0.15SB-0.2	2.0
COV0500ANN-H	500:5	0.15SB-0.5	4.0
COV0600ANN	600:5	0.15SB-0.5	2.0
COV0600ANN-X	600:5	0.15SB-0.5	3.0
COV1000ANN	1000:5	0.15SB-0.5	2.0
COV2000ANN	2000:5	0.15SB-0.5	2.0
COV4000ANN	4000:5	0.15SB-0.5	1.0
Standard Accuracy	Ratio		85° C
COV0200SNN	200:5	0.3B-0.1	4.0
COV0400SNN	400:5	0.3B-0.2	4.0
COV0600SNN	600:5	0.3B-0.5	3.0
COV0800SNN	800:5	0.3B-0.5	3.0
COV1000SNN	1000:5	0.3B-0.5	2.0
COV1200SNN	1200:5	0.3B-0.5	2.0
COV1500SNN	1500:5	0.3B-0.5	2.0
COV2000SNN	2000:5	0.3B-0.5	1.5
COV4000SNN	4000:5	0.3B-0.5	1.0

Other ratios available upon request

Key to Selection Guide

COV 0500 X X X



Notes

High accuracy extended range units exceed the 0.15S class.
Accurate from 1% of rated current to rating factor.

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