



COM 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 COM is specifically designed for pole-mounted applications and wall-mounted meter cabinets.

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 COM 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 COM 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 COM is RUS Listed



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

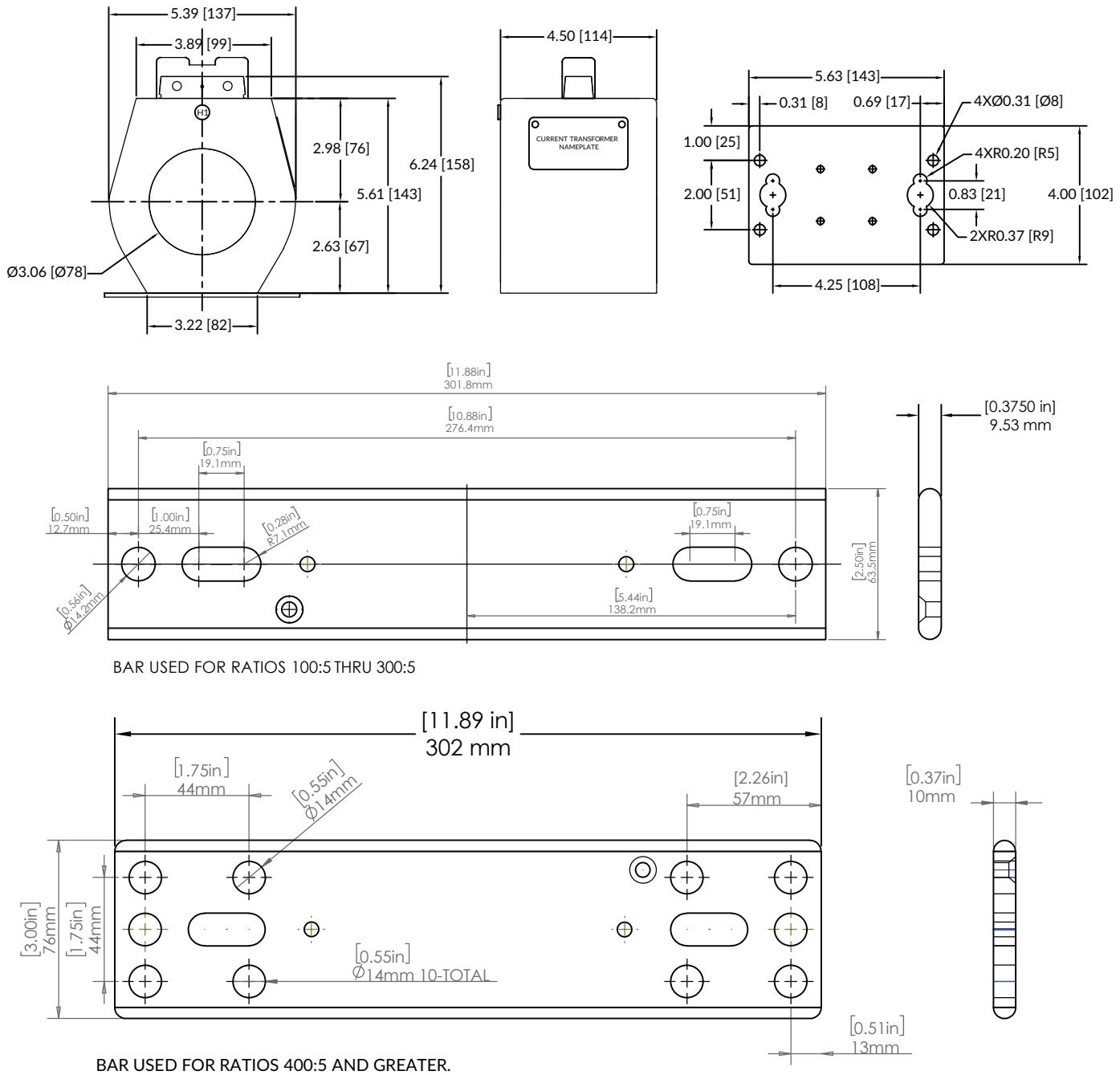
Cross Reference

ABB CMF-S, Arteche IRH-5, GE JAK-0S, GEC Durham Type AB,
Ritz DCCW/DCCB

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Photo by Fré Sonneveld on Unsplash

Dimensions



Metric dimensions displayed in [mm]

*Diameter = 2.6" [66mm] on COM0100SNN through COM0300SNN

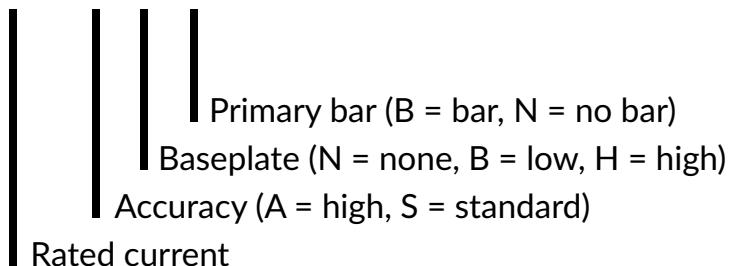
Selection Guide

Product Number	Rated Current (A)	IEEE Metering Accuracy	Rating Factor	
High Accuracy	Ratio		30° C	55° C
COM0500ANN	500:5	0.15SB-0.2	2.0	1.5
COM0500ANN-X	500:5	0.15SB-0.1	3.0	2.2
COM0500ANN-H	500:5	0.15SB-0.2	4.0	3.0
COM0600ANN	600:5	0.15SB-0.5	2.0	1.5
COM0600ANN-X	600:5	0.15SB-0.2	3.0	2.0
COM1000ANN	1000:5	0.15SB-0.5	2.0	1.5
Standard Accuracy	Ratio		30° C	55° C
COM0100SNN	100:5	0.3B-0.1	4.0	3.0
COM0150SNN	150:5	0.3B-0.2	4.0	3.0
COM0200SNN	200:5	0.3B-0.2	4.0	3.0
COM0400SNN	400:5	0.3B-0.5	4.0	3.0
COM0600SNN	600:5	0.3B-0.5	2.0	1.5
COM0800SNN	800:5	0.3B-0.5	2.0	1.5
COM1200SNN	1200:5	0.3B-1.8	1.5	1.2

Other ratios available upon request

Key to Selection Guide

COM 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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