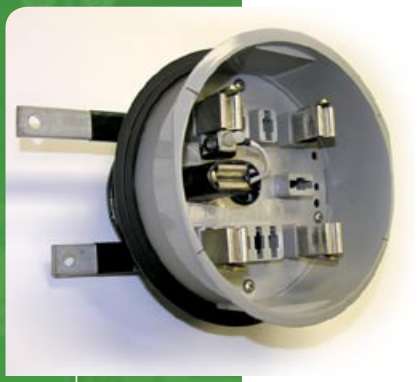
Austin International, Inc.
Phone: (803) 628-0035
www.austininc.com



Sentry 2K/3S

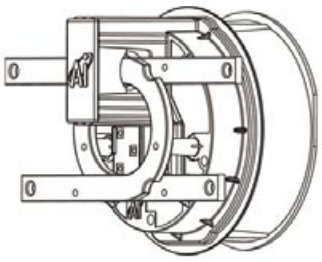
Dependability

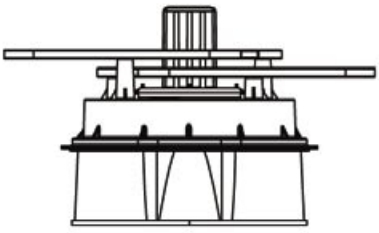
The Sentry 2K-3S adapter has been designed to replace self contained 400/480 Amp K Base meters with a form 3S electronic meter without degrading the metering installation. The adapter is completely self contained with very accurate 400:5 Current Transformers with a rating factor of 1.5, and by-pass switch that shorts the CT's when the meter is not in the circuit.

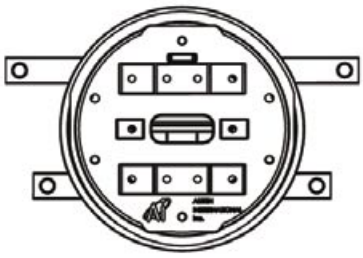
Designed to work in a Form 2K socket, the Sentry 2K-3S adapter will convert a Self Contained installation to a Form 3S transformer rated installation without de-rating the installation. Designed to become a permanent part of the meter socket, any manufacturer's electronic meter is suitable for this adapter.

Made of fiberglass reinforced polycarbonate the base has been designed to fit snuggly into the bolt in socket and provide protection from anyone entering the socket around the meter opening. The socket shell which protrudes from the meter socket 2" is also made of polycarbonate.

The current transformer is highly accurate and are all individually tested at a burden of B 0.1. The test results are printed on a label and the label is affixed inside the shell of the adapter. After the adapter is assembled, it is tested in a meter test board with a meter that has a known accuracy. After completion of the testing of the meter and adapter together, the results are compared to determine the overall accuracy. The greatest variance seen to date is less than 0.2%, thus defining the accuracy of the CT's and entire package.







Product Specifications

Specifications

- Overall Height from bottom of buss bar to top of shell: 6”
- Adapter protrudes from K 7 Socket 2”
- Adapter and Elster Alpha Meter protruding from cover: 7”
- Outer Shell Diameter: 6.5”
- Flange Diameter: 7”
- Weight: 4.5 lbs
- Current Transformers: 400:5 with a rating factor of 1.5 (600 Amps). Accuracy 0.3% @ B.01 Burden.
- CT housing: Fiberglass reinforced polycarbonate
- Shell Housing: UV stabilized polycarbonate
- CT Shorting Method: Plungers on each CT
- Potential Block: Compression molded polyester
- Jaws: Plated copper
- Buss Bar Current Carrying Capability: 600 Amps