



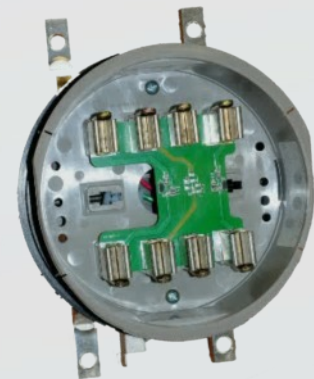
16K/9S Adapter

Vision K-Base Adapters are designed to convert K-Based installations to Socket Type Meters. Like its K-Based meter predecessor, the adapter has current transformers installed in the base. The buss bars are made of 98% or better copper and float in the base to allow for any misalignment of the meter socket buss bars, thus providing an easy install.

The Current Transformers are metering accuracy and have ratings of 200:5, 300:5 and 400:5. The CTs housed in the adapter are electronically shorted when a meter is not present and provide LED indicators for each CT to show that they are shorted. All CTs are serialized, tested and validated to +/- 0.3% accuracy or better. Labels in the adapter shows the accuracy certificates.

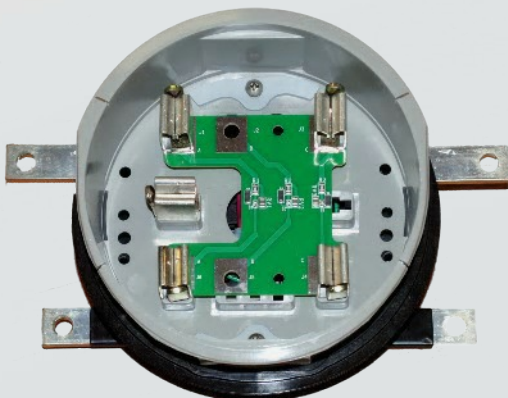
SPECIFICATIONS

- 200:5 CTs have a rating factor of 3.0
- 400:5 CTs have a rating factor of 1.5
- CTs Burden Tested at B 0.1
- Overall Height: bottom of buss bars to top of the shell is 7"
- Adapter extends from the K7 Socket 2"
- Adapter and Vision XT Meter extends 7" from the socket
- Weight 6 Lbs
- Rated Voltage 120 - 480 Volts
- CT shorting method is LEDs and Diacs
- Available with or without test adapter ground points
- Shell is made of UV stabilized polycarbonate
- CT housing made of fiberglass reinforced polycarbonate
- Utilizes standard sealing ring for locking meter to adapter



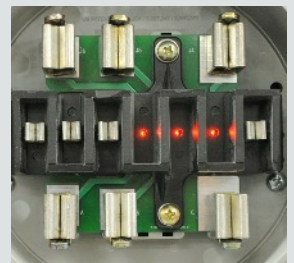
12K/5S Adapter

US Patent # 7,857,660



2K/3S Adapter

The circuit used to short the CTs have LED indicators which confirm the CT is shorted when the meter is removed. There is one LED for each CT.



The best reason to use Vision K-Base Adapters is they DO NOT de-rate the Service.



All Vision K-Base Adapters are Accuracy tested prior to shipment. A certificate is included in the box with the Adapter showing the AS LEFT accuracy of the Adapter. A references meter is used to show the difference between the accuracy of the meter .All accuracies are within +/- 0.3% of the references meter and most times within 0.1%. The table to the right shows the typical accuracy results.

Adapter Current	400:5 Accuracy	200:5 Accuracy	Reference Meter Acc
2 A	100.23	99.39	100.09
4 A	100.13	99.46	100.09
6 A	100.06	99.81	100.09
8 A	100.05	99.86	100.09
10 A	100.05	99.92	100.08
15 A	100.05	99.97	100.07
20 A	100.05	100.01	100.07
30 A	100.04	100.05	100.06
40 A	100.03	100.08	100.05
50 A	100.05	100.09	100.07
60 A	100.04	100.09	100.06
80 A	100.03	100.09	100.06
100 A	100.03	100.07	100.06
150 A	99.99	100.08	100.06
200 A	99.99	100.08	100.06
225 A	100	100.09	100.06



No special boots are required to place the adapter Out of Service. The adapter can be installed in the Out of Service position just like the original K Base meter.

Vision Metering has made special versions of its adapters for various utilities. If you have a special requirement, please contact us with your specifications.

Vision Metering also makes a full range of electronic meters .Your adapter can be ordered with a meter. The entire combination is less than what you would expect to pay for a new K Base meter.

The Adapter and meter combination extends 7" from the front panel of the meter socket.



Part Number	Description
AD-VM-16K-9S-200	16K to 9S with 200:5 CTs
AD-VM-16K-9S-400	16K to 9S with 400:5 CTs
AD-VM-12K-5S-200	12K to 5S with 200:5 CTs
AD-VM-12K-5S-400	12K to 5S with 400:5 CTs
AD-VM-2K-3S-200	2K to 3S with 200:5 CTs
AD-VM-2K-3S-400	2K to 3S with 400:5 CTs

Special models are also available upon request.

Examples include a version which does not have a neutral lug and has a wire with a ring terminal available for the neutral connection. Vision Metering is very willing to accommodate special requirements to suit the customer's specifications.