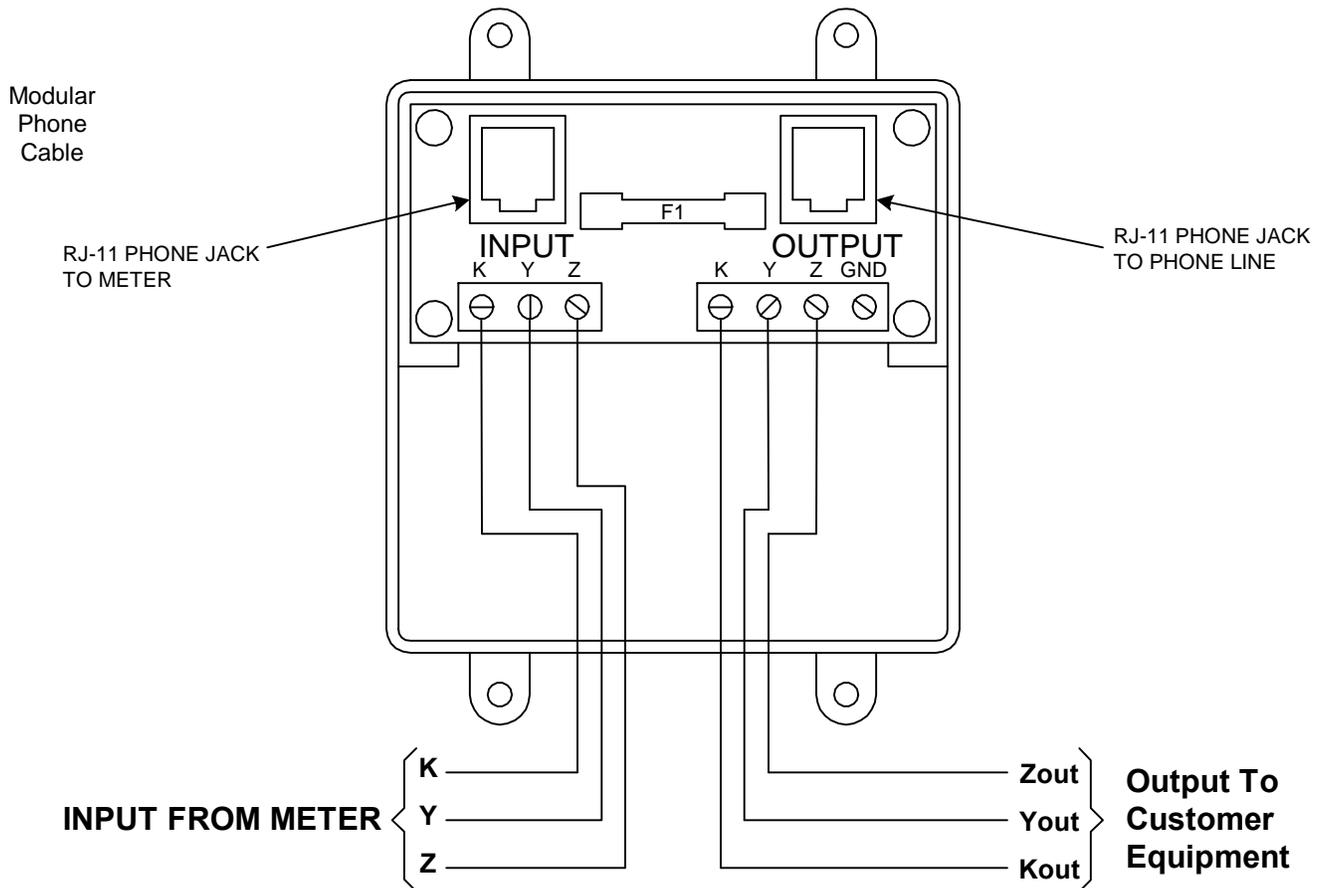


# INSTRUCTION SHEET

## CID-4 CUSTOMER INTERFACE DEVICE



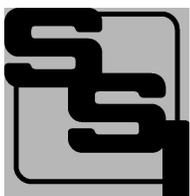
**MOUNTING POSITION** - The CID-4 can be mounted in any position. Use the knockouts on the back and sides to nipple the CID-4 onto the meter enclosure.

**POWER INPUT** - None. The CID-4 is a wire termination device with a fuse between the input and output common "K" terminals and arc suppression across the contacts. Power is supplied to and from (through) the device by an external source.

**METER CONNECTIONS** - The CID-4's "K", "Y" and "Z" input terminals should be connected to the meter's "K", "Y" and "Z" terminals: "K" to "K", "Y" to "Y", and "Z" to "Z".

**FUSE** - The fuse F1 is type 3AG (AGC) and may be up to 2 Amps in size. One 1/2 Amp fuse is supplied standard with the unit.

**OUTPUT** - The output is configured as a 3-wire output, however K&Y or K&Z may be used in the 2-wire mode depending on the wiring of the CID-4 from the meter. Transient suppression is provided internally by a MOV. While the MOV network may help limit transients on the contacts of the KYZ switch, it is not intended to provide isolation between the meter and customer's equipment such as that provided by an isolation relay.



## SOLID STATE INSTRUMENTS

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**TELCO INTERFACE** - The CID-4 also includes phone line termination jacks with special transient suppression and current limiting for the telephone line. The CID-4's secondary transient voltage surge suppression (TVSS) protects the meter from transient voltages that may not be suppressed by the primary surge suppression at the building's phone line entrance. In addition, special fusing protects the meter's modem if telecom lines inadvertently contact line voltages.

**INPUT** - Using a phone cable with RJ-11 modular phone plugs, connect the meter to Phone Jack J1. Connect the phone line using the RJ-11 phone plugs to Phone Jack #2.

**GROUNDING** - For proper operation and protection of the meter, the CID-4 **must be properly grounded**. Connect the GND terminal to an electrical ground with #16AWG or larger copper wire, making this wire length as short as reasonably possible.