



TERMINATION DEVICES

CID-3 CUSTOMER INTERFACE DEVICE

DESCRIPTION

The CID-3 Customer Interface Device is a low-cost 3-channel, fused KYZ termination device which supplements the electric meters' KYZ pulse initiators. It provides three sets of K & Y connector terminals, one for connection to the three meters' K and Y output terminals and the other for the utility customer's energy control system input terminals.



FUNCTIONAL SUMMARY

	IN	OUT
#	3	3
TYPE	2 Wire	2 Wire
FORM	A	A

The CID-3's mounting configurations incorporates four knockouts for 1/2" electrical conduit which can be used in a wide range of connection schemes to the electric meter's enclosure.

The CID-3's input and output circuit's terminal strips are "EURO" type. When the stripped wire has been correctly installed in the terminals "slot", no conductive parts are exposed on the surface of the terminal strip, thus allowing the user maximum protection from accidental electrical shock. Each K lead of the CID-3 is individually fused. A built-in "snubber" network is installed for transient suppression.

The CID-3 features a watertight Noryl enclosure and offers excellent electrical insulation. A beaded-gasket lid ensures that the circuit inside remains dry and clean.

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SPECIFICATIONS

ELECTRICAL

Maximum Voltage:	250VAC/VDC
Input/Output Resistance:	50 milliohms maximum
Insulation Resistance:	50 megohms typical

MECHANICAL

Mounting:	Any position
Size:	4.5" wide, 4.5" high, 2.25" deep
Weight:	~1 pound, depending on mounting configuration

TEMPERATURE

Temperature Range:	-38° C to +70° C, -38.4° F to +158° F
Humidity:	0 to 98% non-condensing

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