



## TERMINATION DEVICES

# CID-2 CUSTOMER INTERFACE DEVICE

## DESCRIPTION

The CID-2 customer interface device is a 2-channel, low-cost, fused KYZ termination device. It provides two sets of K, Y, & Z connector terminals, one for connection to two meters' K, Y, and Z output terminals and the other for the customer energy control system input terminals.

The CID-2 is available in several mounting configurations for use in a wide range of mounting schemes.

The CID-2'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. The "K" lead of each CID-2 channel is fused to prevent damage to the meter or the customer's energy control system. In addition, a built-in "snubber" network is installed to suppress transient voltages or other electrical noise related to contact opening.

The CID-2 features a NEMA 3R PVC enclosure and offers excellent electrical insulation. A gasketed lid ensures that the circuit inside remains dry and clean.



### FUNCTIONAL SUMMARY

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

## CONFIGURATIONS AVAILABLE

- CID-2A:** No holes, vertical mounting feet
- CID-2B:** One 7/8" hole in back; one 7/8" hole on bottom for 1/2" conduit coupling, vertical mounting feet
- CID-2C:** Two 7/8" holes on bottom for 1/2" conduit connections, horizontal mounting feet
- CID-2D:** One 7/8" hole on bottom for 1/2" conduit coupling, vertical mounting feet
- CID-2E:** One 1/2" threaded nipple on bottom, one 7/8" hole in back, vertical mounting feet.
- CID-2F:** Two 1/2" threaded nipples on bottom, horizontal mounting feet.
- CID-2G:** One 7/8" hole on bottom, two 7/8" holes on sides, one 7/8" hole in back for 1/2" conduit connections, vertical mounting feet
- CID-2H:** One 7/8" hole on top, one 7/8" hole on bottom, vertical mounting feet
- CID-2J:** Two 7/8" holes on bottom, 7/8" hole in back with 1/2" chase nipple installed, vertical mounting feet
- CID-2K:** One 7/8" hole on bottom, one 7/8" hole on back with 1/2" chase nipple installed, vertical mounting feet
- CID-2L:** One 7/8" hole on back, vertical mounting feet

# CID-2



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## SPECIFICATIONS

### ELECTRICAL

Input/Output Voltage:	300 VAC
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, -36.4° F to +158° F
Humidity:	0 to 98% non-condensing

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