

On rare occasions, when a momentary power outage occurs, the CP-2 may stop working. If this occurs, it must be rebooted. To reboot the CP-2, simply disconnect one of the power leads. After a minute or more, reconnect the lead to power. This will restore the CP-2 to normal operation mode.

SPLICING INSTRUCTIONS

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The cable supplied with your system is coated with polyurethane and will bond with epoxy to make a sealed splice should the cable be damaged. If you did not purchase your splicing cable from Preferred, make sure it is polyurethane coated before attempting to splice it. Improper cable splices will cause false alarms and malfunction. To insure a proper splice, follow the instructions below.

Two items are necessary when splicing, both available from Preferred Technologies Group: First, a four-wire shielded direct burial cable (unshielded cable and PVC jacketed cable will not give proper splices). Second, an underground splice kit (made by 3M, part #82-F1; Preferred's part number is CA-1). The following instructions assume you have these products.

1. At the splice, strip the outer jacket of both ends of cable back no more than 3 inches. Strip back the jacket off individual wires 1/2 inch. Match the individual wire colors (including the braided SHIELD wires), twist them together, solder the connections, and insulate with electric tape.

2. Place an underground splice kit potting container around the spliced cable and epoxy, following the kit instructions carefully.

NOTE: As of July 2009, use the chart to the right when splicing old CP-2 wire onto new CP-2 wire.

OLD CP-2 WIRE		NEW CP-2 WIRE
FIRST BLUE*	SPLICE TO	BLUE
SECOND BLUE*	SPLICE TO	GREEN
WHITE	SPLICE TO	BLACK
BLACK	SPLICE TO	RED
SHIELD	SPLICE TO	SHIELD

* Polarity is not an issue, i.e., it does not matter which blue attaches to which green or blue of the new wire.

LIMITED FIVE YEAR WARRANTY

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All CARTELL products are warranted against defects in material and workmanship for five years. This warranty does not cover defects caused by, but not limited to: acts of God, improper installation, abuse, fire and water damage, electrical surges, and damage to cable caused by slicing, pulling, tangling, or improper splicing. For more information, visit www.cartell.com.

RETURNING PRODUCTS

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Before returning products for repair, please call Preferred Technologies Group at (800) 223-4743 for a Return Merchandise Authorization (R.M.A.) number. Write the R.M.A. number on the return shipping box and any correspondence included with the defective product.

TECHNICAL SPECIFICATIONS

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POWER REQUIRED:	6 - 31 VAC or 8 - 46 VDC
STANDBY CURRENT:	1 Milliamp
ALARM CURRENT:	15 Milliamps pulse
RELAY CONTACTS:	SPST, floating N/O dry contacts (mech. relay)
RELAY CONTACT RATING:	2 amps at 35 VDC, 25 VAC max.
RELAY TIME:	2 seconds
TEMPERATURE RANGE:	-25° F. to + 125° F.
DIMENSIONS:	20½ in. long x 2 in. diameter
WEIGHT:	7 lbs. with 100 ft. cable

Manufactured by:

 **Preferred Technologies Group**
www.cartell.com