



La MARCHÉ®

ELECTRONIC CURRENT SENSING RELAYS (ERCF) - 03N OPTION

The electronic solid-state relay senses the output current of the unit. The relay will operate when the output current drops below an adjustable predetermined level. The ERCF relay has one normally open and one normally closed form "C" contact.

The ERCF relay is factory set to energize at approximately one (1) Amp. At this point, the relay's contacts will transfer from their normal de-energized state.

The relay will de-energize and the ERCF relay's operating point. To reset the ERCF to approximately zero current, the following procedure should be followed:

1. Turn the power on to the unit with no D.C. loads connected to the output.
2. Turn the ERCF potentiometer counterclockwise until the small light emitting diodes (L.E.D.) on the printed circuit lights.
3. Now slowly turn the potentiometer clockwise until the light goes out. The ERCF is now set at approximately zero current.

When a load is applied to the unit, the L.E.D. on the front door should be lit. In approximately five (5) seconds, the relay will energize and the contacts will transfer.

Turning the potentiometer counterclockwise will raise the relay's operating point; clockwise lowers the operating point.

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