

# **IMPORTANT**

## **Engineering Bulletin #106 ABB Relay Failures on MG Microflite Ultra 2000 Car Controllers**

### **O. Thompson Co.**

**84-00 73rd Ave. Unit F**

**Glendale NY 11385**

**(718) 417-3131**

**(718) 417-9075 fax**

## **ABB Relay Failures**

We have been experiencing an unacceptable rate of failure on ABB relays on Microflite Ultra 2000 car controllers with MG sets. The auxiliary contact block is failing, causing the car to shut down.

The ABB relay was used in two places on the controller, 'PS' relay and 'EMGI' relay. The only relay that needs to be replaced, though, is 'PS.' The 'EMGI' relay operates less than 100 times in the lifetime of the controller, while the 'PS' relay operates every time the car starts and stops. The ABB relay for 'EMGI' will last for the effective life of the controller.

O. Thompson will supply a new Siemens relay and auxiliary contact block at no charge to replace the existing ABB relay. The O. Thompson part number is 266816 for the relay, and 267119 for the contact block. To order the replacement parts, please contact O. Thompson Technical Support at (718) 417-3131.