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Voltscooter Electronics
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Warranty

If for any reason this product does not meet your needs, you may return it for a full refund. The warranty will be honored even if the product has been modified by installation. This offer is valid for a minimum of one year from the date of purchase.

VOLTSOOTER ELECTRONICS

Automatic Fuse for DCC

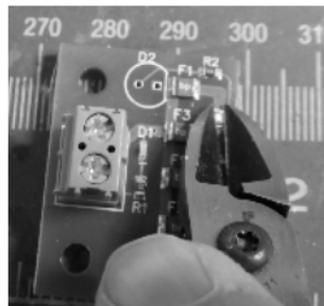
Trip levels settable at 3.0, 2.1, 1.8 or 1.1 Amperes

- Provides low-cost block protection.
- Isolates problems so that a short circuit in one area does not cause operations to halt elsewhere.
- Can be reset. In most cases will automatically reset when short circuit is removed. I
- LED indicates that fuse is active.

Installation

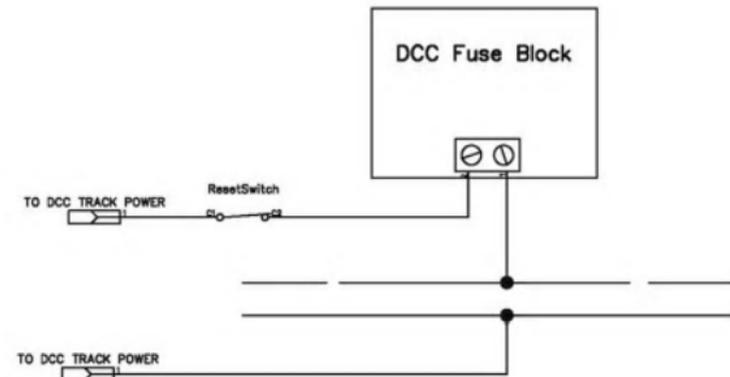
1. Decide on the desired setting level. It is advisable to set it at the lowest level that does not cause false trips. The setting recommendations for HO and N Scale 1.1 Amperes.
2. Set the appropriate trip level by removing jumpers. Remove J3 for 2.1 Ampere or J3 & J2 for 1.8 Ampere or J3, J2 & J1 for 1.1 Ampere. 3 Amperes as delivered. Remove the jumpers with either a soldering iron or with flush cutting diagonal pliers as shown. If false trips occur then solder a wire between the jumper pads for the next higher Ampere level.

2. Create a block of track for protection and connect the automatic fuse as shown in the next diagram.



3. Mount the DCC Fuse Block with either standoffs or double-back adhesive tape
4. You may add a remote LED indicator by connecting its leads at D2. The flat side or cathode of the LED should be connected to the square pad. An included 1 kOhm resistor reduces the LED current to about 16 mA.

In most cases the fuse will reset without using the “reset switch” as soon as the short circuit is removed. If not, depress and hold the reset switch for up to several seconds.



This fuse board is recommended for systems with a power supply rated for 5 Ampere or more. This does not mean that it will not work with smaller rated supplies as details such as peak ratings are rarely given.