



Middle Atlantic Products, Inc.

an ISO 9001:2000 Registered Company

TITLE: Grounding - Problems and Solutions

PRODUCT SERIES: MPR

SPECIFIC MODELS: MPR Series Raceways
and modules, USC-KL,
USC-6R

PURPOSE: Solution to problems caused by improper grounding of power distribution components

The remote control and output circuits of the MPR series raceways, modules, USC-6R and USC-KL are sensitive to static discharge, and if not grounded properly, may transmit a static discharge to the controller. The controller interprets this discharge as a control signal, causing false triggering and various other problems.

All remote control and output circuits and equipment must be properly grounded. This is especially important on USC-KL installed in plastic boxes and ungrounded plaster rings.