

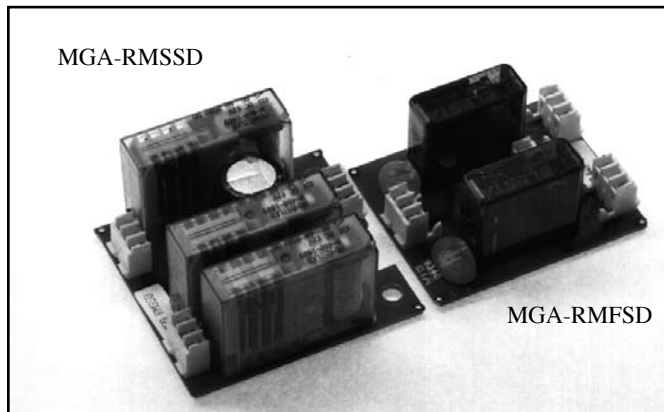
MGA-RMSSD & MGA-RMFSD Relay Modules

for "A" Series MACHINE-GUARD and PERIMETER-GUARD Systems



These are replacement SSD and FSD relay modules for "A" Series MACHINE-GUARD and PERIMETER-GUARD Systems that use the following Control Box models: MGCA-4A, MGCB-4A, MGCA-5A, MGCB-5A, PGCA-1A, PGCB-1A, PGCA-2A, PGCB-2A. Module replacement requires only a 3/8" nut driver. The procedure given below is for replacement of either one or both modules.

Relay Module models MGA-RMSSD and MGA-RMFSD



WARNING!

Before performing any maintenance inside the control box, always remove all power from the control box and from the machinery to which the control box is connected.

Failure to do so can result in electrical shock and serious injury or death.

Removing the old module(s)

- 1) Before opening the control box cover, remove all power to the control box and to the machinery to which the control box is connected. Open the control box cover. Refer to the drawing, below.
- 2) Relay module MGA-RMSSD is held to the terminal board by three #10-24 nylon nuts and connector pins. Module MGA-RMFSD is held by one #10-24 nylon nut and circuit connector pins. The nuts are shaded in the drawing below. Remove the nut(s) from the module that is to be replaced.
- 3) Free the module(s) from its connector sockets as follows: Using both hands, grasp the module's relays and gently pull up, while rocking the module from side-to-side until the module comes free of the connector sockets.

Installing the new module(s)

- 1) Make certain that all power has been removed from the control box and the machinery to which the control box is connected.
- 2) Do one module at a time. Place one module onto its nylon mounting stud(s). Press gently along the right and left edges of the module to seat the circuit connector pins snugly and completely into their sockets.
- 3) Replace the #10-24 nylon nut(s) and tighten them snugly using a 3/8" nut driver. **Use caution to avoid overtightening.**

"A" Series
MACHINE-GUARD
or
PERIMETER-GUARD
Control Box
(see above)

