Motor Control PC Board with Auto Reopen

This PC board functions identically to the standard controller with one exception. If the door system detects an object in its closing path the door automatically returns to the open position even if the driver holds the door close switch closed. Using the current sensing system designed into the standard PC board, the drive motor reverses direction when the door leaf makes contact with an object and returns it to the open position. At that time the door may be closed simply be pressing the door close switch. The system is equipped with one additional limit switch that actuates when the door reaches 95% closed and disables the auto reopen.

Periodic Testing of System

It is recommended that the Auto Reopen system be inspected for function during preventive maintenance cycles. This can be easily accomplished by placing a resistance on the door leaf during the close cycle and ensuring that the door system reopens.

Troubleshooting

- *Door closes completely and then reopens on its own.*

  Inspect "Null Switch" for proper function. This switch is actuated by the rod end spacer at approximately the 95% closed position.

- *Door starts to close and then automatically reopens.*

  Observe the red L.E.D. mounted on the PC board and if it illuminates than the current sensing trip point set too low. Gain access to the current sensing adjusting potentiometer and turn clockwise to increase set point. This potentiometer is located to the left of the red L.E.D.