

Programming of Logic Circuit Board

Scope

The following instructions apply to actuators supplied with AUMA MATIC controls. Various control functions can be programmed on the logic board.

Tools Required

- Flat blade screwdriver or 10mm wrench

Logic Board Access:

- Refer to Figure 1.
- The logic board is accessible after removing the AUMA MATIC cover. Loosen the four captured screws holding the AUMA MATIC cover in place.
- Remove cover and O-ring

Programming

- Refer to figure 2.
- The Logic Board has 3 sets of switches S1-2, S2-2 and S3-2.
- Switches S1-2 and S3-2 allow for either limit or torque seating in closed and open positions.

Switch S1-2

- In position 1, the actuator is set for *limit* seating in the clockwise direction.
- In position 2 the actuator is set for *torque* seating in the clockwise direction.

Switch S3-2

- In position 1, the actuator is set for *limit* seating in the counterclockwise direction.
- In position 2 the actuator is set for *torque* seating in the counterclockwise direction.

Switch S2-2

Switch Position S2-2 "ON"	
S2.1	Remote seal in for clockwise
S2.2	Remote seal in for counter clockwise
S2.3	Local seal in for clockwise
S2.4	Local seal in for counter clockwise
S2.5	Blinker transmitter off
S2.6	Torque switch included in collective fault signal

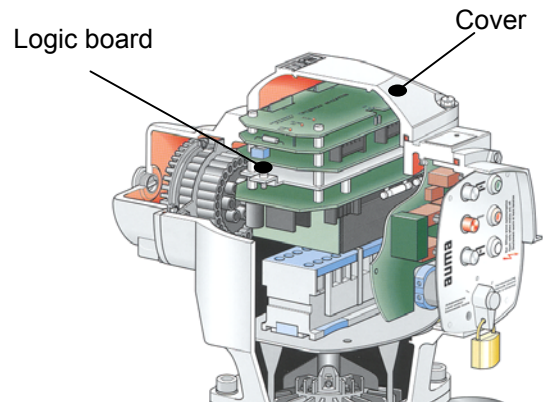


Figure 1

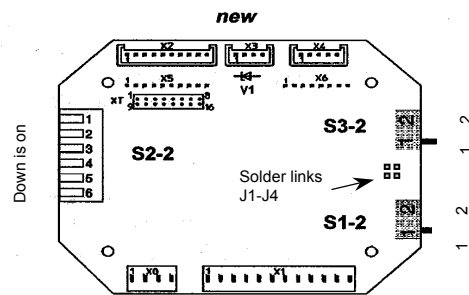


Figure 2

Also provided on the Logic Board are four solder links. When the soldered link is present on pads J1 and J3, the integral open and close lights on the Monitor Control board within the AUMA Matic will both be on in an intermediate valve position. When the soldered link is present on pads J2 and J4 the integral open and close lights on the Monitor Control board will both be off in an intermediate valve position.