

J2

Function Change Instructions Model **J2** BSR Normally Closed to Normally Open



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These instructions cover the change in function from normally closed to normally open (or vice versa) for the J2-BSR failsafe reversible electric actuators.

The J2-BSR actuators are supplied from the factory in the normally closed (NC) configuration, unless normally open configuration (NO) was specified at order time.

To change the function is a quick and easy process and does not require that the actuator's cover be removed to make the change. The change is made to the internals of an external DIN plug. Removing the actuator's cover without our prior authorisation may invalidate the warranty.

INSTRUCTIONS

These instructions cover a change from NC to NO.

Isolate the mains power to the actuator. If the actuator is not in the closed position, the batteries will close the actuator.

The change is carried out by moving a small printed circuit board (PCB) within the DIN plug that has a label stuck over it marked 'Don't connect voltage'. (photo 1)

If the label has been removed, it is the square DIN plug that has no cable connected to it !

Push a small cross-head screwdriver through the label, fully slacken and remove the screw. (Photo 2)

Remove the DIN plug and separate the rubber seals from the DIN plug.

Remove the DIN plug base internals (use a small flat head screwdriver in the small cut-out at the edge of the base to extract the internals) from the DIN plug housing. (Photo 3/4)

This exposes the small square PCB that controls the NC or NO function –it is marked NC and NO. (Photo 5/6)

The PCB is held by 4 small flat head screws—slacken all 4 screws until the PCB is free to be lifted away from the body (photo 7)

Lift the PCB away, rotate it though 90°, insert the PCB back into the body, and tighten the 4 screws.

Refit the base into the DIN plug housing ensuring that the earth terminal/ socket is at the top.

Refit the rubber seal and the securing screw, replace over the DIN plug base pins, and tighten the screw.

This will cause the batteries to set the actuator to the new NO position.

With an indellible fine tip marker pen, change the label description from NC to NO.

The J2-BSR actuator is now configured normally open (NO).

Reconnect the mains power.

This change should take less than 5 minutes. Should you encounter difficulties, please contact us for assistance.



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