
Valve Actuator Drive Box- SB03

Instruction Manual



DESCRIPTION

The SB03 is designed to switch two 24Vac valve actuators rated to 50VA to the open or closed position by using an AC or DC signal applied to the IN socket.

The SB03 is supplied with 3 cables to connect to the input [IN] a 3-way cable to IN, a 2 way cable to IN and a LOOP cable. The LOOP cable can be used to extend the number of JVA's that can be driven by using multiple SB03 units looped together. An auxiliary power socket is available on the bottom of the unit. Maximum allowable load is 10 AMPS at 2400W.

INSTALLATION INSTRUCTIONS

CONTROLLER MOUNTING

Find a suitable location to mount the control box. Ideally as with all pool equipment it should be installed out of direct weather and no closer than 3 meters from the waters edge. Lift up the two mounting tabs and use two appropriate screws to mount the control box to the wall, keeping in mind that the power cable is 1.8m long and should be plugged directly into a general power outlet, not into an extension lead.

CONTROLLER WIRING

JVA's are to be plugged into the bottom of the SB03.

Use either a 2-way or 3-way lead as required and connect it to the IN socket at the bottom of the SB03, the IN socket can use 12-24 AC or DC to switch over the direction of the JVA's, the polarity of the wiring is irrelevant.

When more than 2 JVA's need to be driven, connect the first SB03 as described above, then connect the LOOP cable from the first units LOOP socket to the second units IN socket, one switched source will now drive up to 4 JVA's, to drive more JVA's connect the second units LOOP output to the third units IN, repeat for every set of JVA's that need to be driven.

INSTRUCTIONS

When the IN socket has a 12-24 AC/DC voltage then the valve actuator[s] will turn the valve[s] to the open position. When the voltage is removed from the IN socket the valve actuator[s] will turn the valve[s] to the closed position.

WARRANTY – SB03

This range of product is covered by a limited 3 year warranty against component failure or faulty workmanship from the date of installation. A faulty unit should be returned in the first instance to the dealer from which the unit was purchased.

Damage to the unit due to misuse, power surges, lightning strikes or installation that is not in accordance with the manufacturer's instruction may void the warranty.

Warranty does not cover travel costs to or from installation site.

If the power cord is damaged, do not use the controller; return the unit to the supplier for repair.

CUSTOMER RECORD [To be retained by the customer]

DEALER/INSTALLER NAME

SERIAL NUMBER

DATE INSTALLED

For service assistance phone 1300 130 693



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