

Series 3 Technician's Installation and Service Training Manual

Low Voltage Motor Wiring Instruction



Warning Electrical Shock Hazard

To prevent serious injury or death always ensure power is disconnected when wiring anything into the ZAP Controller.

Tools required

Small technicians slotted screwdriver, Hammer, screw driver, appropriate fasteners.

Motor Wiring:

All wiring plugs are removable for easy wiring access with the exception of the grounding terminal.

Molded knock outs or pre-drilled ingress holes are provided on the bottom of the controller for the introduction of conduit and wiring. Only use these knock outs for the introduction of wiring into the controller. Do not mount the controller case upside down to introduce conduit or wiring into the controller. This will void the manufacturers warranty.

Remove the plug labeled M1 and M2 Dc Motor. (Figure A Highlighted in Orange)

Insert the motor wires into the plug and tighten the connections using the small technicians screw driver.

Plug the terminal back onto terminals M1 and M2. (Figure A Highlighted in Orange)

Working the cable up the jamb, secure cable to Jamb or track with wire ties or other cable securing devices being careful not cut or staple the wire. (Figure B)

Loop and secure the excess motor cable to the upper part of the jamb or wall leaving enough excess to plug the wire into the motor. (Figure C)

Plug the motor cable into the plug located on the motor in the case of the 800 series (Figure D) or onto the plug wire connector on the 8800 series. (Figure E)

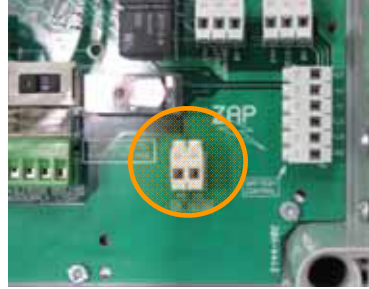


Figure A



Figure B



Figure C



Figure D



Figure E

ZAP Series 3 Simply Logical

ZAP Controls
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