

Series 3 Technician's Installation and Service Training Manual

Interlocking 2 ZAP Controllers in a Sally Port Configuration



Warning Electrical Shock Hazard

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

Materials required to accomplish task:
Appropriate operator for door sizes. (See Brochure)
2 ea 82-DTLM , 16-20 awg 4 conductor cable,
Small technicians screwdriver.

Isolate the power supply before wiring any device into a ZAP Controller.

This wiring requires 2 ZAP operators to be in use on two individual doors sharing the same track system.

Wiring door closed interlocks of 2 ZAP controllers in a sally port configuration

The 82-TLM provides a pair of contacts that close when the door has reached the fully closed position. (Figure A)

The ZAP Controller provides a pair of contacts that require a relay on the other end of the wiring be closed to enable operation of the ZAP Controller. (Figure B)

The common terminal of the interlock on the main ZAP Control Board A (Figure B) is wired and terminated into one of the terminals labeled Interlock on the 82-TLM into ZAP Controller B. (Figure A)

The interlock terminal of the main ZAP Control Board A (Figure B) is wired and terminated into the other terminal labeled Interlock on the 82-TLM into ZAP Controller B. (Figure A)

The common terminal of the interlock on the main ZAP Control Board B (Figure B) is wired and terminated into one of the terminals labeled Interlock on the 82-TLM into ZAP Controller A. (Figure A)

The interlock terminal of the main ZAP Control Board B (Figure B) is wired and terminated into the other terminal labeled Interlock on the 82-DTLM into ZAP Controller A. (Figure A)

Once the terminals are wired, ensure the power supply is disconnected from the operator.

Carefully align both of the 82-TLM's socket connector with the 10 Pin socket connector on the each of the main controller boards and plug the 82-DTLMs onto the 10 pin connectors. (Figure C)

Ensure the 82-TLMs are fully seated (Figure D)

Turn Dip Switch number 4 to the off (down) position in both controllers. (Figure E)

It should now be required for both operators to be in the fully open position and turned off before either operator will function closed.

Restore the power supply to the operator and test.

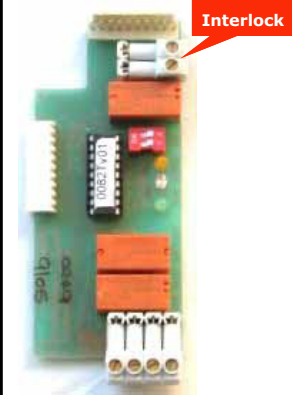


Figure A

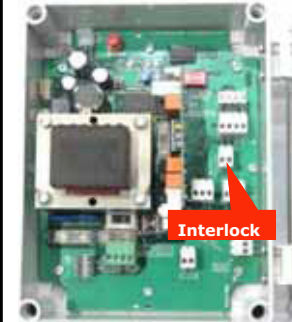


Figure B



Figure C



Figure D

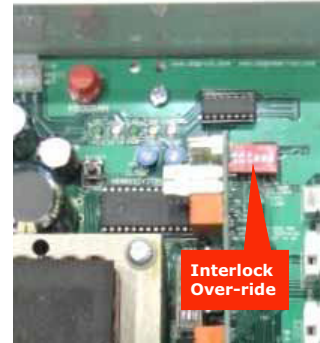


Figure E

ZAP Series 3 Simply Logical

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