

ASRB-1 and ASRB-1x5 Overview Diagrams and Examples

Revision History

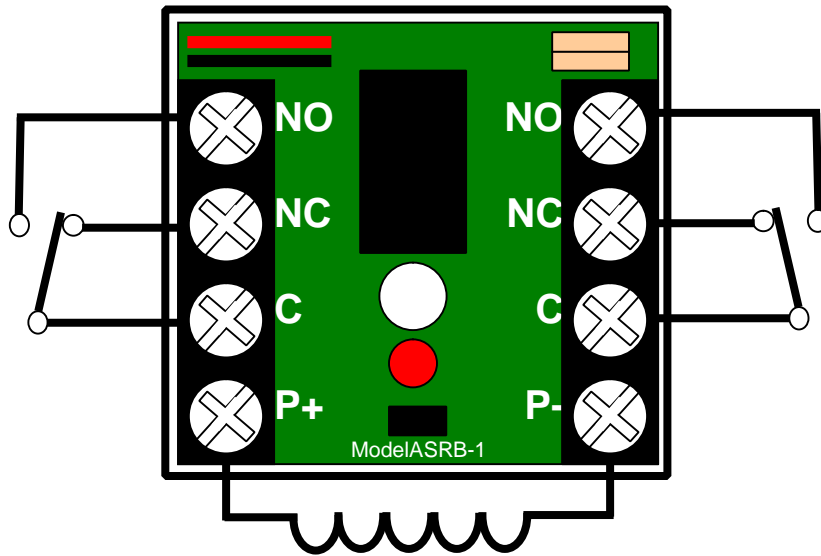
Drawing	Description	Date / Initials	Revision Level
Config. Examples	Original Release	Mar. 03, 2008	1.0
Revised Dwg Page 9	Wiring Error	4/23/14	1.1

ASRB-1 and ASRB-1x5

Overview Diagrams and Examples

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The ASRB-1

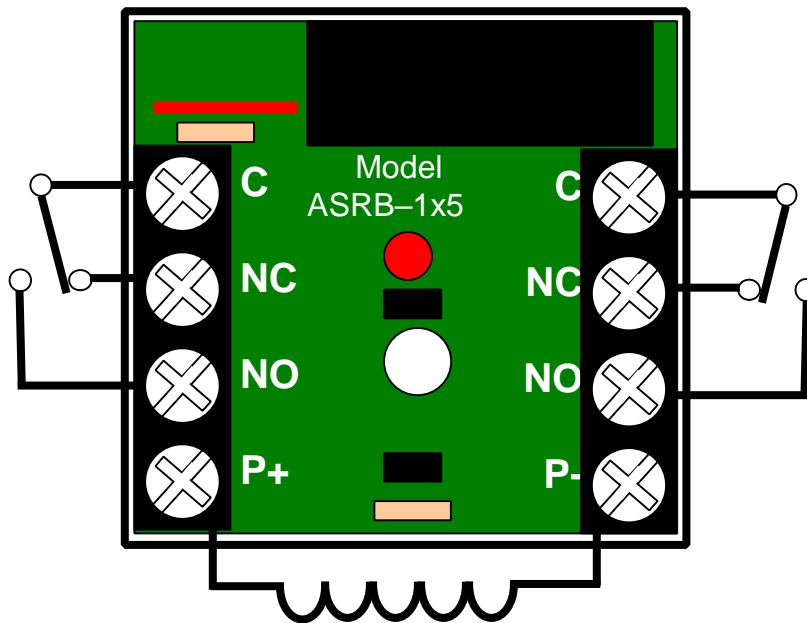


FEATURES

- UL Listed
- Measures just 2" x 2" x 0.9"
- 6, 12 or 24V DC Operation
- Contacts: 2 Amps maximum current at 30VDC or 120VAC maximum voltage
- 25 ma maximum coil current
- Two sets of Isolated Contacts Standard DPDT (2 Form C)
- Mounted with screw or tape

The ASRB-1x5

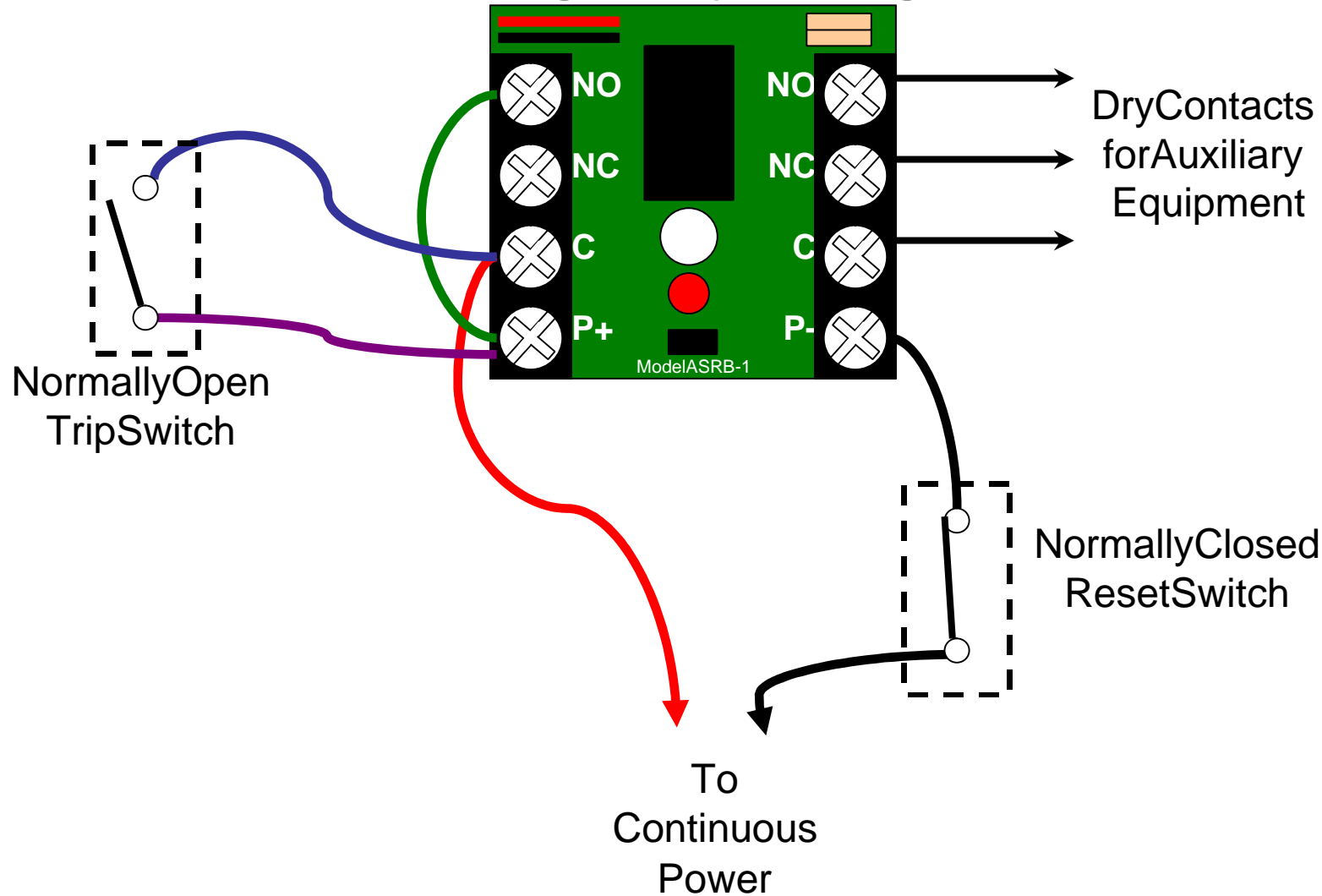
The ASRB-1x5 is similar to the ASRB-1, but has *Increased Amperage Capacity*, a *slightly different terminal connection layout* and operates from 12 or 24VDC. The ASRB-1x5 is typically used when a higher contact rating is required.



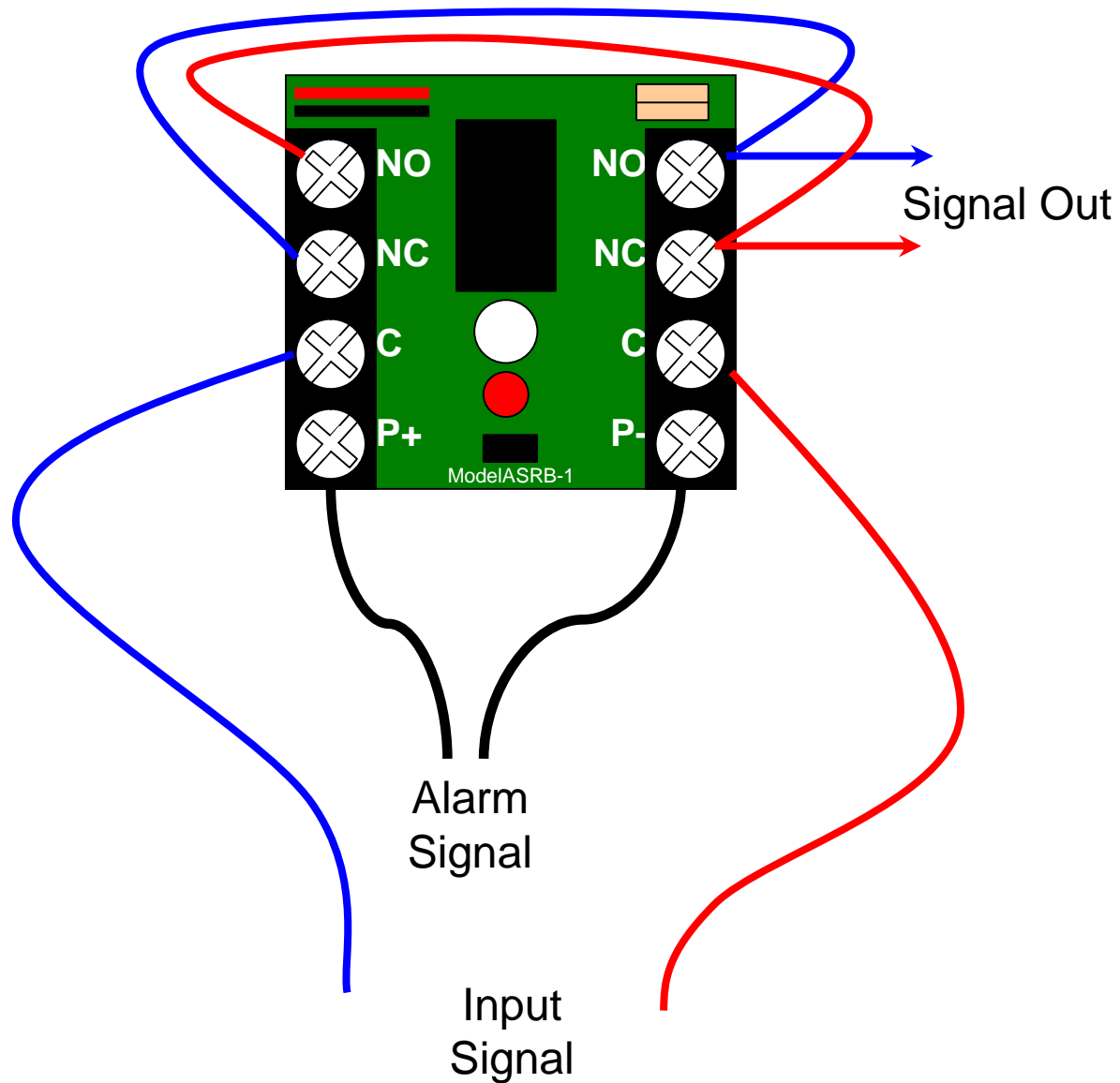
FEATURES

- Measures just 2" x 2" x 1.275"
- Mounted with screw or tape
- 12 or 24V DC Operation
- 40 ma maximum coil current
- Standard DPDT (2 Form C)
- Two sets of Isolated Contacts
- Contacts: **5 Amps** maximum current at 30VDC or 120VAC maximum voltage

ASRB-1 Latching Relay Wiring Recommendation



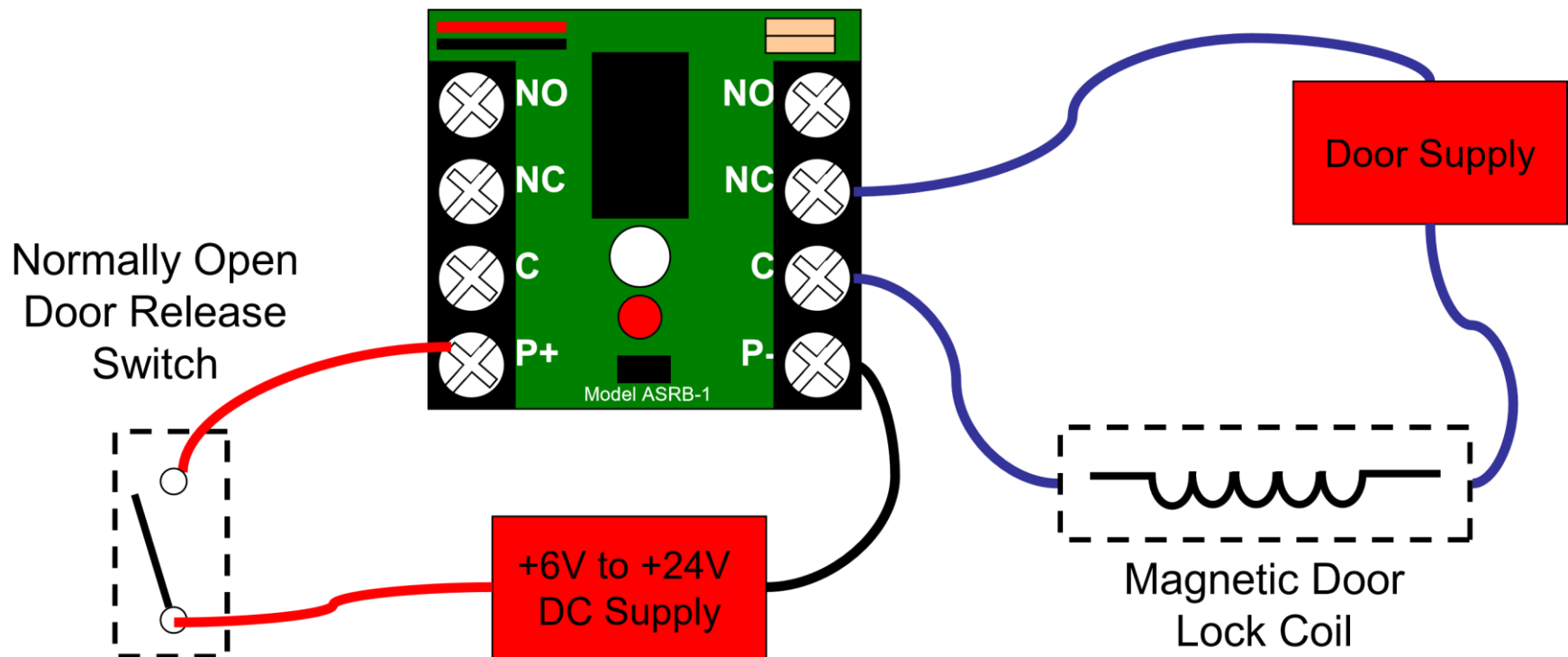
ASRB-1 Polarity Reversal Relay Wiring



TRUTHTABLE			
Input Signal	Alarm Signal	Red Out	Blue Out
Red In	Off	X	
Blue In	Off		X
Red In	On		X
Blue In	On	X	

ASRB-1 Implemented in a Magnetic Door Lock Control System

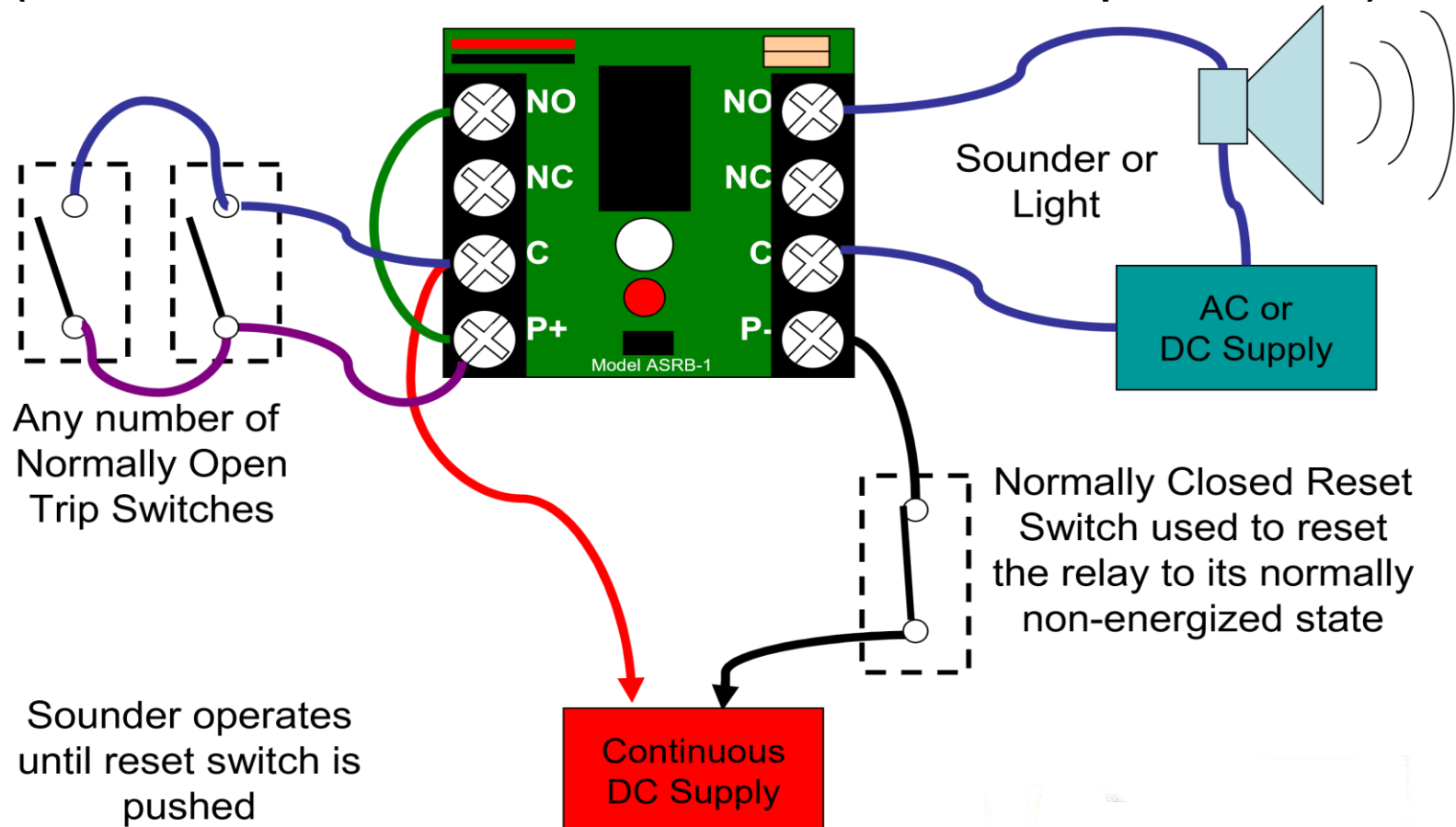
Contacts provide control for a magnetic door control, where power across the coil keeps the door lock engaged until power is removed



ASRB-1 Latching Relay Wiring Method

Simple Switch Activated Alarm

(freezer door or other item that needs to be returned to its previous state)



ASRB-1x5 In a Fan Control Circuit

