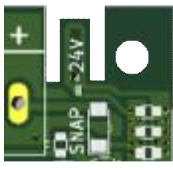
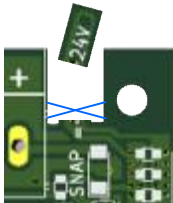


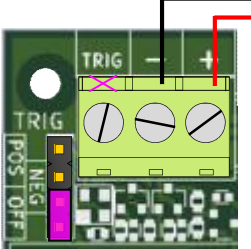
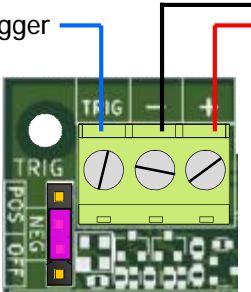
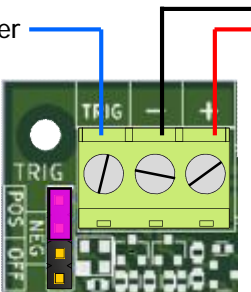
EC-RELAY INSTRUCTIONS

OVERVIEW

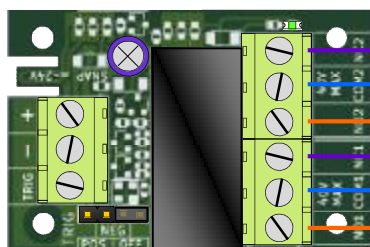
The EC-RELAY is a multipurpose relay board with 2 x 8 Amp NO/NC contacts, it can operate on AC or DC with selectable voltages 12 or 24V. With optional Trigger input for low current drive source. Dimensions: 52mm x 35mm x 20mm. Mounting: 4 x 3mm holes (Designed for AAP EC-CAB)

COIL VOLTAGE	12V MODE		For 12V Mode No modifications are required	Minimum Voltage: 9VDC / 11VAC Maximum Voltage: 20VDC / 16VAC Drop Out Voltage: 7VDC Current draw 35mA @12VDC
	24V MODE		For 24V Mode snap off this piece of circuit board.	Minimum Voltage: 19VDC / 15VAC Maximum Voltage: 32VDC / 26VAC Drop Out Voltage: 12VDC Current draw 45mA @24VDC

**Warning, Confirm the specification suit your application before snapping board, returns will not be accepted if you get it wrong.*

TRIGGER MODES	OFF Normal		12-24V AC/DC	With the Jumper in the 'OFF' Position power to the (-) and (+) terminals will activate the relay.
	NEG Negative		12-24V AC/DC (Constant Power follow 12V/24V Mode chart)	With the Jumper in the 'NEG' a low current 0V trigger is required, as well as power on (-) & (+) Trigger Mode Negative Specifications. Trigger Voltage: -0VDC Current Draw on Trigger Input: >1mA
	POS Positive		12-24V AC/DC (Constant Power follow 12V/24V Mode chart)	Trigger Mode Positive Specifications. Minimum Trigger Voltage: 2.0VDC Maximum Trigger Voltage: 30.0VDC Current Draw on Trigger Input: >1mA @5VDC

CONTACTS



- | | |
|---------------------|--------------------|
| Normally Closed (2) | Current: 8Amp Max. |
| Common (2) | Voltage: 40V Max. |
| Normally Open (2) | |
| Normally Closed (1) | |
| Common (1) | Current: 8Amp Max. |
| Normally Open (1) | Voltage: 40V Max. |



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