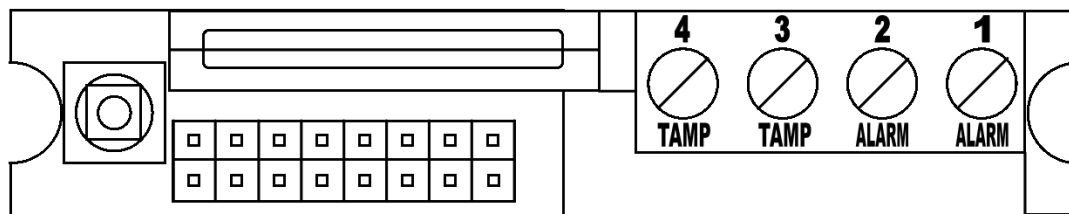


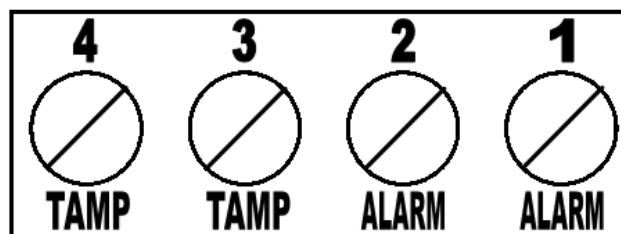
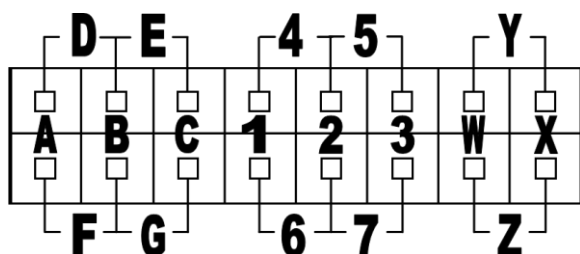
The XEND24V2 is a surface contact for use in single or shared zones and features multi-resistor selection for a range of security panels.



NOTICE: The XEND24V2 does not follow the standard Knight wiring scheme. Take care when placing or removing resistor shunts as they are fragile. It is recommended to configure the PCB **before** installation.

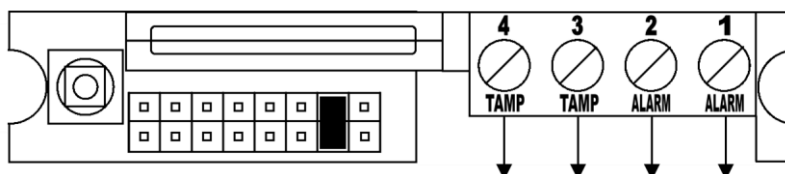
HEADER & TERMINAL BLOCK LAYOUT

See below layout of the configuration header & terminal blocks. Shunt positions A-G set EOL resistance, 1-7 set alarm resistance & W-Z set single/shared zone (including contact position in circuit). Terminals 4 & 3 are tamper. Terminals 2 & 1 are alarm.



SINGLE CONTACT WIRING

Traditional (4 Wire) – Ensure no links are fitted to the resistor selection headers. Fit a shunt to **W**. Use all four terminals as marked:



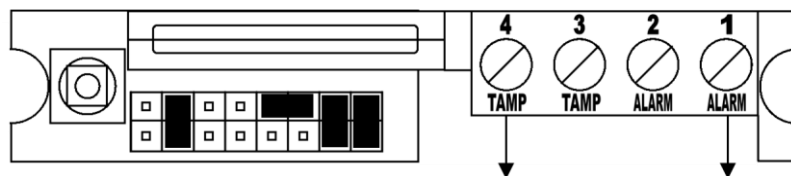
Supervised (EOL) – See opposite for configuration details.

RESISTOR CONFIGURATION TABLE

If wiring XEND24V2 on a supervised loop, use terminals **4** and **1** to wire to the zone. Fit shunts in positons **W** and **X**. Also fit shunts to the appropriate locations according to the below table:

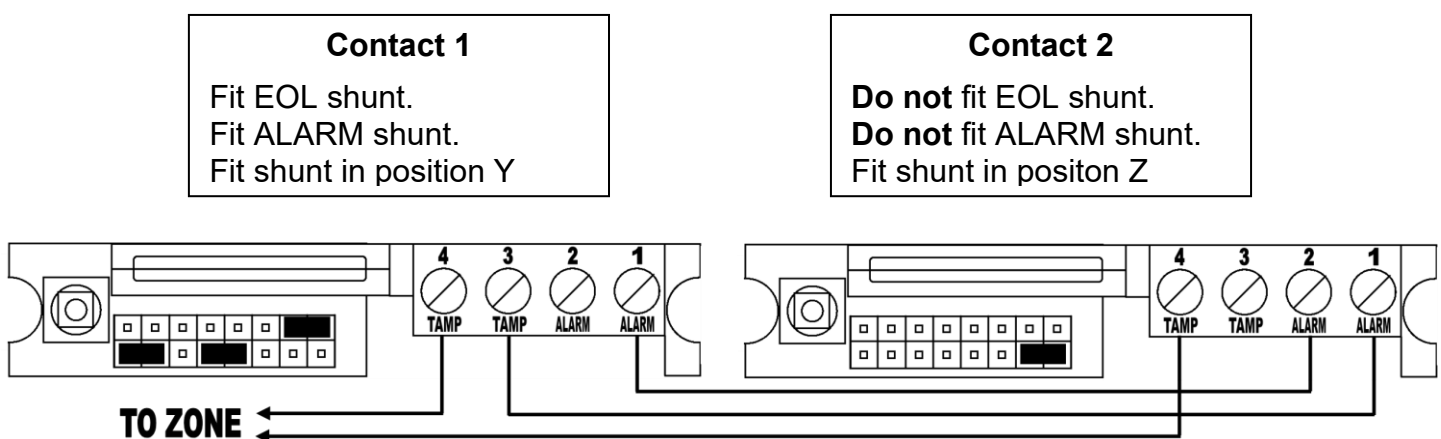
Control Panel	Resistor Value		Shunt Location	
	EOL	Alarm	EOL	Alarm
Honeywell / Ademco / Microtech	1k	1k	F	6
Cooper / Scantronic / Menvier / Texecom / Pyronix / Castle	2k2	4k7	B	5
Siemens / Aritech / HKC	4k7	4k7	E	5
Risco / Gardtec	4k7	6k8	E	4
Guardall	4k1	4k1	G	7
DSC	5k6	5k6	A	1
Europlex	2k2	2k2	B	2
Inner Range	2k2	6k8	B	4

The single zone configuration for *Cooper (2k2/4k7)* is shown as an example:



SHARED ZONE WIRING

If using two contacts on a shared zone, wire as below. This example shows the setup for a *Honeywell (1k/1k)* panel.



OPERATING GAP

Make ~5mm. Break ~12mm

Note: Mounting on magnetic surface will affect operating gap. Fit the supplied spacer to negate this effect if necessary.