

2 or 8-Way Relay Output Card

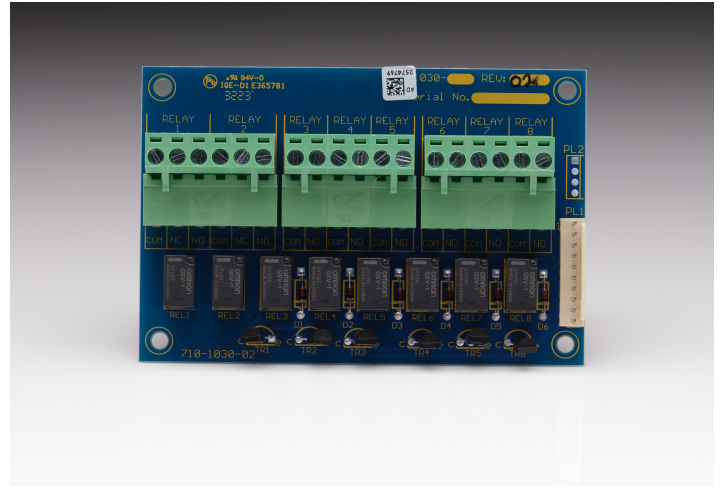
The 2 or 8 Way Relay Output Card is an internal peripheral for use with The ExGo series control panels and status indicators.

This additional PCB provides a cost effective solution to providing 2 or 8 individually programmable 1 Amp rated, volt free, clean contact outputs.

The 2 or 8 Way Relay Output Card connects directly to the panels motherboard in which each output can be individually programmed.

Ideal for any application where a number of programmable outputs are required at the panel.

The features of the 2 or 8 Way Relay Output Card not only aid commissioning and cut down on expensive ancillary hardware but also allow the system to be easily configured to provide additional outputs for the more complex cause and effect configurations using standard products.



Features

- 2 or 8 individual programmable outputs
- Each output individually programmable
- Fast response
- Each output 30V AC/DC, 1 Amp rating
- Cost effective against ancillary hardware
- Optional fail safe setup
- Easily programmable by on board keypad

Specification

Relay Outputs	2 or 8 volt free contacts - 2 x change over + 6 x normally open which can be inverted
Contact Rating	1 Amp 30 V DC/AC maximum
Power Supply	24 V DC (derived from panels motherboard)
Supply Current	65 mA maximum (all relays energised)
Protocols	As per detector manufacturer's specifications
Dimensions H x W x D mm	70 x 105 x 18

Order Codes and Options

EXP-007*:	2 Way Relay Output Card - RSI Only
EXP-008*:	8 Way Relay Output Card - ExGo Only
*F:	Relay Output Card fitted

Compatibility

The 2 Way Relay Output Card is fully compatible with the ExGo RSI panel only. Mounting pillars are provided on the back box to mount this card.

The 8Way Relay Output Card is fully compatible with the ExGo Control panel only. Mounting pillars are provided on the back box to mount this card.

Limitations

Each output is fully programmable for any output function allowed within the ExGo control panel. Only one Relay O/P Card can be fitted to an ExGo control panel or Remote Status Indicator.

Switch end-of-line module

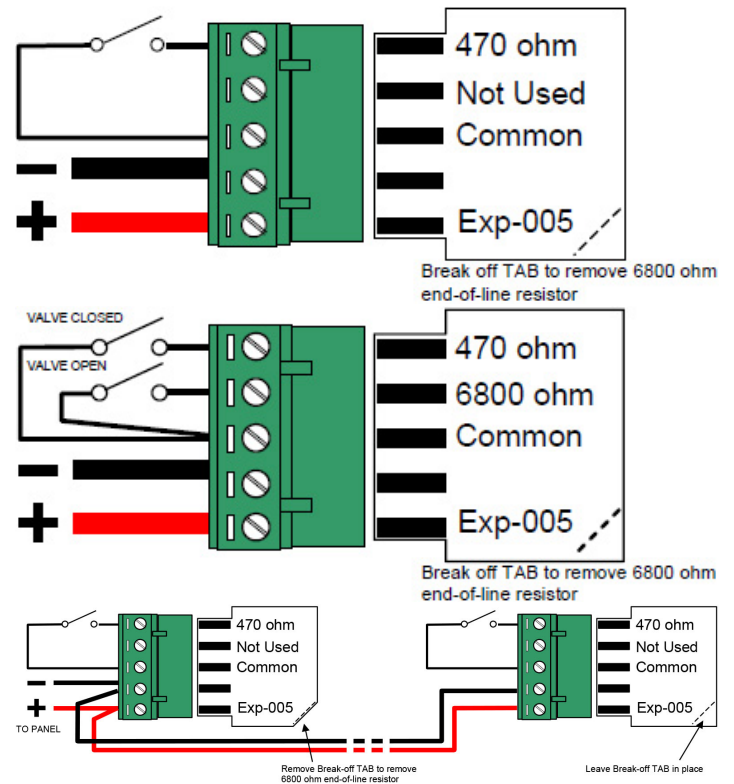
The EXP-005 switch module provides a simpler way of correctly terminating the switch input circuits of the ExGo Series Extinguishing Control Panel/System.

The module consists of a printed circuit card and connector.

The normal 68000Ω end-of-line resistor supplied with the panel is not used.

The diagrams show typical applications and their wiring.

If multiple switches are connected to the circuit, the modules (and their switches) can be daisy-chained on the circuit. A break-off tab (to remove the end-of-line resistor) must be removed on all modules except the last module on the circuit.



Specification

Dimensions (H x W x D)	Overall: 38mm x 27mm x 15mm
Dimensions (H x W x D)	PCB: 27mm x 20mm x 2mm
End-of-line resistance	6800 Ohms
SW #1 active resistance	470 Ohms general input - switch; valve input - closed switch
SW #2 active resistance	6800 Ohms general inputs - not used; valve input - open switch
Maximum operating voltage	30V DC
Environmental class	Indoor -5°C to +40°C
Humidity	95% max

Order Codes and Options

EXP-005:	Switch End of Line module (pack of 5)
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Compatibility

Compatible with the ExGo series Gas Extinguishing Panel input circuits.

Limitations

For use in gas extinguishing installations where an EOL module is required.

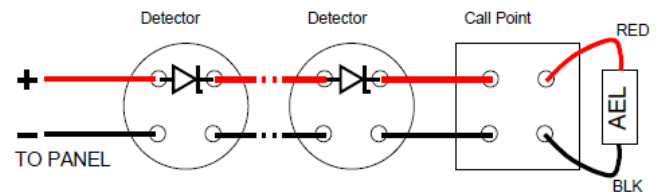
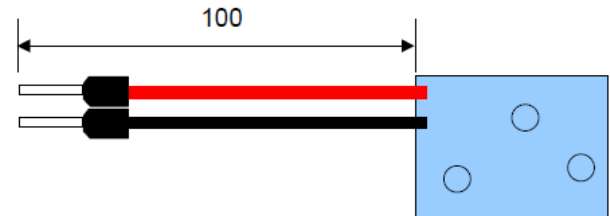
Zone Active End-of-Line Module

The Zone Active end-of-line Module provides active end-of-line monitoring for zone circuits fitted with detector diode bases in accordance with BS5839-1 Clause 12.2.2f.

The normal 6800Ω end-of-line resistor supplied with the panel is not used.

The module will create an open circuit condition on the panel if a detector is removed from its base.

Refer to panel manuals for details of the number of detectors that can be connected to the zone circuit.



Specification

Dimensions (H x W x D)	Overall: 27mm x 20mm x 7mm (max)
End-of-line resistance	6800 Ohms
Environmental class	Indoor -5°C to +40°C
Humidity	95% max
Operating voltage	17-30V DC
Zone voltage	20V DC typical
Current consumption (fault condition)	40μA typical

Order Codes and Options

EXP-006:	Zone active End of Line (pack of 5)
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Compatibility

Compatible with the ExGo Series Gas Extinguishing Panel input circuits.

Limitations

For use in gas extinguishing installations where an EOL module is required.

Logo & Extraction Tools - PC-Net Software

To support the ExGo series a suite of PC tools has been developed with advanced programming features.

For our gas panel systems we provide an easy to use logo programming application and a user friendly PC extraction software for customised reports and back up of system configurations.

PC-NET-007, Logo Programming software permits the creation of, and allows upload to the ExGo series, a customised logo allowing the product to be branded by the end user.

PC-NET-013, Ex Extraction software allows full download of Gas system configuration and event log. The user-friendly software provides a quick reporting log book, showing full system configuration, full event logs and a quick reporting guide to customise system reports for end users.

Features

- USB upload/downloads
- User-friendly Windows based software
- Export information to Office applications
- Download event logs and system configuration
- Customised printouts
- Panel branding via electronic logo

Order Codes and Options

PC-NET-007:	Ex-3000 Series Logo Programming Software
PC-NET-013:	Ex-3000 Series Extraction Software
UP-015	USB Lead (2M A-B Type)

Compatibility

Compatible with the ExGo series gas Extinguishing control panel.