

Shop Interface Unit

The Shop Interface Unit allows MxPro 4 control panels to send and receive alarm signals from other equipment.

Input signals are received from clean-contact inputs two of which support the open circuit and short circuit fault monitoring on the external wiring.

A special input is also able to differentiate between an input that is pulsing (ALERT), and one that is continuous (EVAC), allowing easy interfacing to older equipment that cannot provide independent Alert and Evacuate signals.

Two fully programmable outputs are also provided to allow signals to be transmitted to other equipment.

Applications / Limitations

Inputs

Input A : Monitored switch input.

Input B : Monitored switch input.

Input C : Pulse/continuous detecting input.

Input D : Clean contact switch input.

Input E : Clean contact switch input.

Outputs

Relay 1 : volt-free normally-open relay contacts

Relay 2 : Volt-free normally-open relay contacts

Features

- Special pulse/continuous detecting input
- 2 x volt-free open contacts
- 2 x monitored switch inputs
- 2 x clean contact switch inputs
- 3 year warranty as standard

Specification

Quiescent current	12mA
All inputs activated/relays off	22mA
All inputs activated/relays energised	34mA
Relay contact rating	1 Amp 30V DC/AC max
Maximum working temperature	50°C

Order Codes and Options

Mxp-029:	Shop Interface Unit
Mxp-029/F:	Shop Interface Unit – Fitted

Compatibility

The Shop Interface Unit can be internally mounted in the MxPro 4 2, 4 & 8 loop control panels – directly onto the chassis and on the rear face of the MxPro 4 Mx-4100/L 1 loop back box.

This interface is supported from panel software revision 016 onwards.

Limitations

The interface is used in place of the standard 8-Way Input Board (i.e. don't attempt to fit both units to the same chassis).

[Check if this document is up to date](#) | [Give us feedback](#)

Advanced, The Bridges, Balliol Business Park, Newcastle, NE12 8EW, UK T: +44 (0)845 894 7000, E: enquiries@advancedco.com, W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.