Axis EN

24VDC Convertor / Isolator Module

The Mxp-542 is a self-contained unit complete with flying leads. It provides electrical isolation between the fire system and external equipment such that the earth fault monitoring of the fire system is not compromised.

The unit can be positioned in either an enclosure of the fire system or that of the external powered equipment. To allow for variations in external equipment the unit can be fixed to the enclosure by any suitable method (e.g. tie-wrap). Alternatively the unit may be left loose.

Wiring

Identify, from the label, the IN and the OUT wire pairs. Connect the IN wires to the source of the power e.g. the AUX supply terminals of a fire alarm control panel. Connect the OUT wires to the 24V power input of the connected equipment.

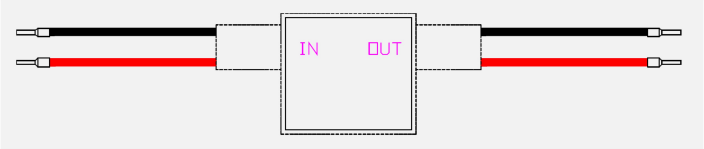
For both IN and OUT wires, the RED wire indicates the positive (+24V) connection and the BLACK wire indicates the negative (0V) connection.

It is important that the correct polarity is observed. If an extension to the wiring run is required, use 18AWG/1.0mm2 cables and connect using a suitable 2-way terminal block.

Applications / Limitations

Suitable for use when interfacing to external equipment which is referenced to earth and is required to communicate to the fire system.

Observe maximum current limitations (see specification section). Observe correct polarity on all connections to other equipment.



Features

- Low cost
- Simple to install
- Small form factor
- 3 year warranty

Specification

Input Voltage	18 - 30 V_{DC}
Input Current (max)	0.11 A
Output Voltage	24 VDC +/- 5%
Output Current	0.083 A
Operating Temperature	-5°C to +40°C
Wiring	Power Limited with Auto Recovery Short Circuit Protection

Compatibility

MxPro 4, MxPro 5, Axis EN, ExGo Series Panels

Order Codes and Options

MXP-542	24V DC Isolator Module

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