

DESCRIPTION

The IQ611MI isolator module isolates the short point on the signalling line circuit (SLC) or Data Communication Link (DCL). The internal relay will be triggered to disconnect the line power where the short trouble is detected. The device's yellow LED will indicate the trouble condition by turning steady on. A return to the normal condition will cause the internal relay to switch back to normal position and restore the line power, the device LED indicator will turn off. The IQ611MI does not occupy an address on the Fire Alarm Control Panel's SLC/DCL, so no address programming is required. The IQ611MI is a UL listed product according to UL864 for Fire Protective Signalling Systems for indoor use

⚠ ATTENTION

Products must be installed per the National Fire Alarm Code, NFPA 72 and/or National Electrical Code, depending on the country of the installation. Check the information on equipment used in the system from other manufacturers for instructions and restrictions. The detector should never be installed in the following places: where there is a lot of exhaust gas, kitchens, near fireplaces, boilers, etc. Smoke detectors should not be used with detector guards unless the suit has been evaluated and approved for this case.

NOTE

Do not paint this unit. Any material extrapolated from this document or Fireguard's instructions or other materials describing the product for promotional or advertising purposes, or any other purpose, including the description of the application, the use, installation, and testing of the product is the sole responsibility of the user. Fireguard assumes no responsibility for the use. In no event shall Fireguard's liability exceed the purchase price of the product.

SPECIFICATION

Nominal Voltage	24VDC
Voltage Range	15 to 28VDC
Standby Current	1.6mA
Active Current	10.8mA
Operating Temperature	32°F to 120°F (0°C to 49°C) UL & 32°F to 122°F (0°C to 50°C) Factory test
Operating Humidity	0% to 93% RH
Dimension	120 mm (L) x 120 mm (W) x 45 mm(H)
Weight (with back box)	8.8 oz (249 g)
Mounting	IQ611B Box
Mounting Location	Indoor Wall
Wiring Gauge	12 to 18 AWG

CATALOG NUMBER TO ORDER

Model	Description
IQ611M	Isolator module
IQ611B	Surface wall box



INSTALLATION

Mount the IQ611MR relay module onto a 2x4 or 4x4 electrical box as illustrated in Figure

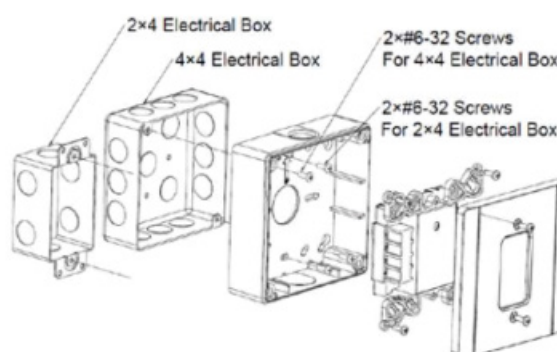


Figure 1. Installation Diagram

