DESCRIPTION

The IQ611MM Input Module is designed to be inserted into a single utility box near contact device that is monitoring. The IQ611MM input module monitor a single contact. The input line is monitored for open line faults and ground faults and the contact must thus be wired an end-of-line-resistor. It is addressable module and take one address on the Signaling Line Circuit (SLC) or Data Communication Link (DCL) of the fire alarm control panel. The IQ611MM is a UL listed device according to to UL864 for Fire Protective Signaling System for indoor use. The type of the input contact is configurable. A remote red LED indicator is used to show the module's status.

- Alarm Causing An alarm causing input will produce an ALARM event. The remote red LED will indicate the alarm condition by turning on steady. A return normal condition will be ignored and the remote LED indicator will remain latched in the red alarm condition until a rest command has been received.
- Supervisory/Trouble/Monitor Causing By changing the IQ611MM input module functions from its attribute interface on FACP, it can be configured to be supervisory, trouble or monitor signal, which will produce a SUPERVISORY, TROUBLE or MONITOR event. The remote red LED will indicate the event condition by turning on steady. The supervisory and monitor are latched/non-latched-selectable. A return to the normal condition will cause the event to disappear and the remote LED indicator will return to the normal condition if the supervisory/monitor is non-latched. A return to the normal condition will not cause the event to the disappear and the device LED indicator will remain in the event condition if the supervisory/monitor is latched. The trouble is non-latched.

⚠ ATTENTION

Product 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 manufactures for instruction and restrictions. The detector should never be installed in the following places: where there is a lot of exhaust gas, kitchen, near fireplaces, boilers etc. Smoke detector should not be used with detector guards unless the suit has been evaluated and approved for the 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, including the description of the application, the use, installation and testing of the product is the sole responsible of the user. Fireguard assumes no responsibility for the use. In no event shall Fireguard's liability exceed the purchase price of the product.

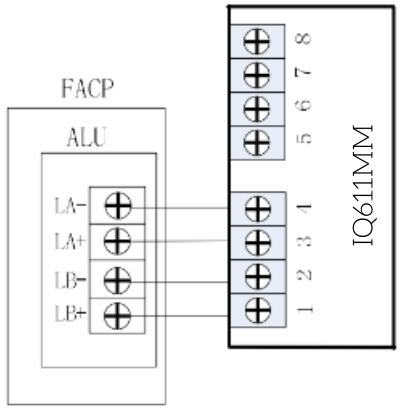
UL LISTED

SPECIFICATION

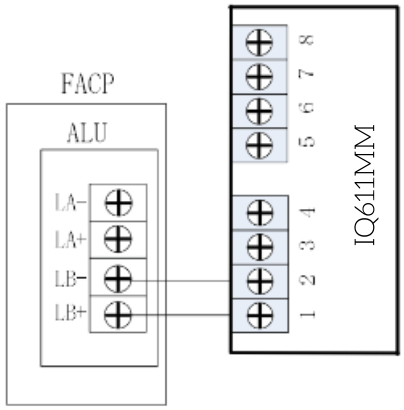
Nominal Voltage	24 VDC
Voltage Range	15 to 28 VDC
Standby Current	0.17 mA
Alarm Current	0.80 mA
Max. Line Impedance	25 Ohms
Max. Impedance for Ground	6.6k Ohms
Compatible EOLR	IQ-ELO-1 (.6K Ohms)
Operating Temperature	32°F to 120°F (0°C to 49°C) UL & 32°F to 122°F (0°C to 50°C) Factory tested
Operating Humidity	0% to 93% RH

INSTALLATION

1. Mount the module into electrical box connect the input line circuit wires. See figure 2.
2. Wire the SLC/DCL to the module, as illustrated in the Figure 1. The maximum line impedance for the input circuit is 25 Ω



(a) Class A or DCLA Circuit



(b) Class B or DCLB Circuit

Figure 1 Wiring Diagram (SLC/DCL)

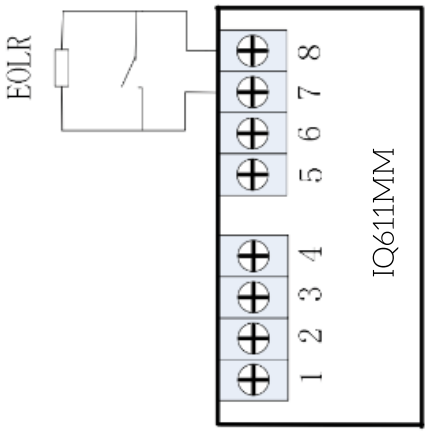
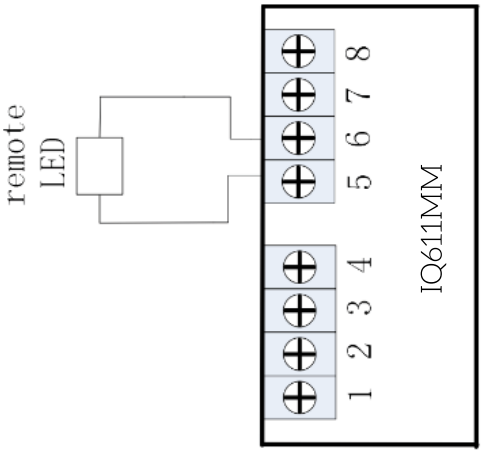


Figure 2 Wiring Diagram (Input Line Circuit)

3. Connect the remote LED indicator. See Figure 3. Note: The remote LED indicator shall be located in the same room as IQ611MM



4. Connect the input line circuits wires.
5. Apply power to the control unit.

ORDERING INFORMATION

Model	Description
IQ611MM	Input module
IQ661-RI	Remote LED Indicator