



IQ 515 SERIES ANALOGUE ADDRESSABLE MODULES



Control and monitor modules shall be used to activate and supervise the NAC's like Sounders, strobes, door closer, pull stations, waterflow switches, conventional smoke detectors, etc. These modules are designed and tested for EMI, environmental compatibility and industrial standards. Modules are addressed by using Binary code with 8way DIP Switch. Wiring terminals are easily accessible for installation.

IQ 515MR RELAY MODULE

Fire Guard iQ 515MR Relay module contains two set of isolated Form - C Contacts, which is operates as DPDT switch. This module switch is controlled by control panel through the programming command. No supervision is provided for the notifications appliance cir cuit.

Relay Module can integrate any third party system like Air Handling uits,access control systems,CCTV ,Lift controls,Ventilators,Publicaddressing,BMS,Fire hydrants,Pressure fans,Exhaust fan etc

FEATURES:

- ⊙ Plug Type Connector for easy wiring.
- ⊙ Module Status by RED LED.
- ⊙ Analogue Communication with the panel.
- ⊙ Module Addressing by 8 way DIP Switches.
- ⊙ Low Standby Current.

IQ 515MM MONITOR MODULE

Fire Guard Monitor modules are interfaced to an contact devices like security contacts, waterflow switches, pull stations, etc. iQ 515MM is capable of Class B Supervised wiring to the monitoring devices. Conventional 4 - wire smoke detectors can be monitored through their alarm or fault contacts, wired as an initiating loop to the module. In addition to the supervised state of the monitored device, the full analog supervision measurement is sent back to the panel.

IQ 515MZ ZONE MODULE

Fire Guard iQ 515MZ zone module permits the addressable FACP to interface and monitor 2-wire conventional smoke detectors. All the 2-wire detectors being monitored should be UL or ULC compatible with this module. The iQ 515MZ module is addressed by using the DIP switch to communicate with addressable FACP. It transmits the status (normal, open, short or alarm) of one zone of 2-wire detectors to the FACP. zone module supervises the zone of detectors and the connection of the external power supply.



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IQ 515MC CONTROL MODULE

Fire Guard iQ 515MC Control Module Provides supervised monitoring of the load devices like sounders, strobes, or bells that requires an external power supply to operate load devices. It is capable for Class B supervision. The iQ 515MC module disconnects the supervision and connects the external power supply across the load device with respect to the command from the control panel. The external power supply is isolated from the communication loop by the relay, so that trouble in the power supply will not affect the system.

General Specification	
Operating Voltage	17 to 28 VDC
Communication Line Loop Impedance	40 Ω
Temperature Range	0°C to 49°C
Relative Humidity	10% to 93% Non - condensing
Dimension	96 mm x 76 mm x 22mm (L x B x H).

Specification, iQ 515MR	
Standby Current	0.5 mA Max.
LED Current	2 mA Max.
Relay Contact Ratings	1A @ 30V; 0.3A @ 125V

Specification, iQ 515MM, MC	
Standby Current	0.7 mA Max.
End of Line Resistor	47K EOL