Airlight
THINKING AHEAD

Control Unit for
Fire Suppression System
Model No - AA104FSP

Overview:

This is IP based Fire Suppression system control panel. Controlling and monitoring is possible through LAN. Usually this unit is interfaced with IP based Fire Alarm panel for automatic Fire Suppression.

Manual release push button and abort switch can be directly connected for manual operation. This unit has built in battery charger and provision for SMF battery.

Specification

Primary Power	220V±10% AC, 50 Hz	**Relay Circuits**	
Standby Power	24V DC (12V, 7/17Ah SMF Battery,2Nos)	**Hooter Relay**	2A @ 24V DC
		Solenoid Relay	2A @ 24V DC
Charging Voltage	28 ± 1V		
Charging Current	1A (max)	**Finish**	
Operating Temperature	0° C to 49° C	**Enclosure Dimensions (HxWxD)**	620X560X170 mm
Humidity	0-95% RH (Non-condensing)	**Housing Material**	16 Gauge Cold Rolled sheet
Fuses		**Back Box**	Black Matte
Supply Fuse	3 A Resettable fuse	**Front Door**	Texture Red
Battery Fuse	3 A Resettable fuse		

Overview:

Manual Inhibit Push button is used to momentarily interrupt the release circuit signal when the control unit is in the alarm condition. The device consists of a stainless steel faceplate and a modular switch assembly.
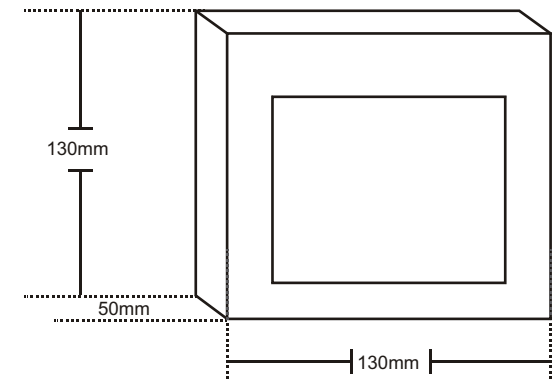
Specification

General Specifications

Operating temperature	-10ºC to 55ºC
Humidity	0-95% RH (Non-condensing)
Color	Red
Compatibility	AUAA2X Protocol

Mechanical Specifications

Dimensions(HxW)	130x130x50mm

130mm

50mm

130mm

Overview:

Manual Release Push button is used to activate the cylinder valve, which in turn opens the extinguishing agent container to release. This device consists of a stainless steel faceplate and a modular switch assembly.
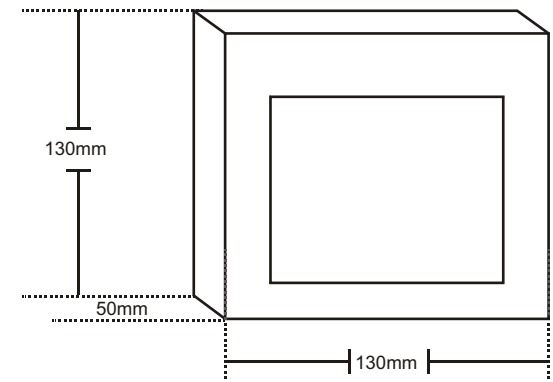
Specification

General Specifications

Operating temperature	-10ºC to 55ºC
Humidity	0-95% RH (Non-condensing)
Color	Red
Compatibility	AUAA2X Protocol

Mechanical Specifications

Dimensions(HxW)	130x130x50mm

130mm

50mm
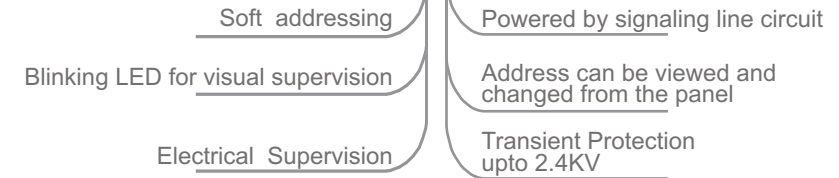
130mm

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Addressable Intelligent
Single Output Module
Model No - AU101SOM

Overview:

This Addressable single output module is an device that utilizes form C dry contact relay circuit for controlling external appliances on the detection of fire emergency by the devices in the network.
The output responses of detection system can be configured to this unit.

Soft addressing

Blinking LED for visual supervision

Electrical Supervision

Powered by signaling line circuit

Address can be viewed and changed from the panel

Transient Protection upto 2.4KV

Specification

Electrical Specifications

Operating voltage	17-24V DC
Quiescent current	600 µA(max)
Alarm current	18mA(max)
Relay Contact Rating	2A @ 24V DC

Indications

Normal	Green LED (Blinks during scan)
Alarm	Red LED (Glows steady)

General Specifications

Operating temperature	0ºC to 49ºC
Storage temperature	5ºC to 40ºC
Humidity	0-95% RH (Non-condensing)
Color	White/Red(RAL9016)
Compatibility	AU101X Protocol
Housing	Sheet metal Powder coated

Complied with:

UL 864

EN 54-Part 18

Mechanical Specifications

Dimensions(HxWxD)	106x108x38mm
Weight	
Without Backbox 144g	With Backbox 372g

106mm

38mm

108mm