RE-717MZ
Analogue Addressable Zone Interface Module

Ravel
Reliability at reach ®

Product Overview:

Ravel RE - 717MZ zone module permits the addressable FACP to interface and monitor 2-wire /4-wire conventional smoke detectors and manual call point. The RE-717MZ 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 / 4- wire detectors to the FACP. Zone module supervises the zone of detectors and the connection of the external power supply respectively.

Features:

• Module Status by RED LED.

• Analogue Communication with the panel.

• Module Addressing by 8 way DIP Switches.

• Low Standby Current.

• 2/4Wire Conventional Detector interface facility

Electrical Specification:

Operating Voltage	:	24 VDC Nominal.
Current Draw(SLC)	:	0.5mA, (2 mA Max.Latched)
External Supply Voltage	:	Regulated 24VDC
ExternalSupply Standby Current	:	5mA
ExternalSupply Alarm Current	:	60mA Max.
Communication Line		
Loop Impedance	:	40 Ohms
End Of Line Resistor	:	4.7K Ohms.
Temperature Range	:	0°C to 49°C / 32°- 120°F
Storage Temperature	:	0°C to 60°C
Humidity	:	93 ± 2% RH (non-condensing) at 32 ±2° C / 90 ±3° F.

Mechanical Specification:

Dimensions	: (95 W X 75 H X 24D) MM
Color	: Black
Weight	: 0.5Kg

G.A.Diagram:

Back Cover

Front Cover

20.0000

4.0000

70.7
75.0000

70.7

95.0000
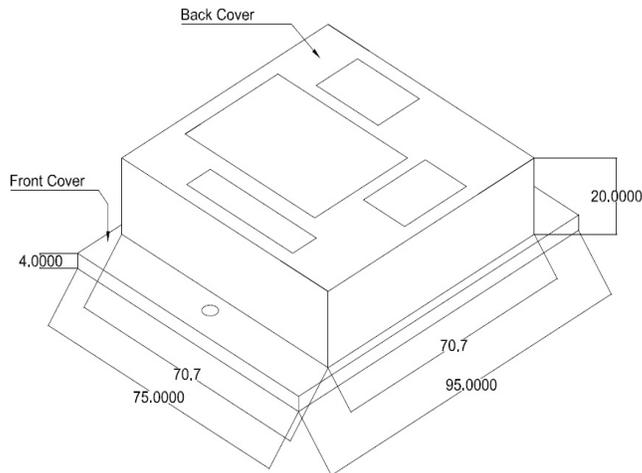
ALL DIMENSIONS ARE IN MM

Mounting Detail:

17.50 — 60.00 — 17.50

7.50

Ø4.50*4

60.00

STICKER AREA
60*60*0.5DP

75,00

7.50

76.00

95.00
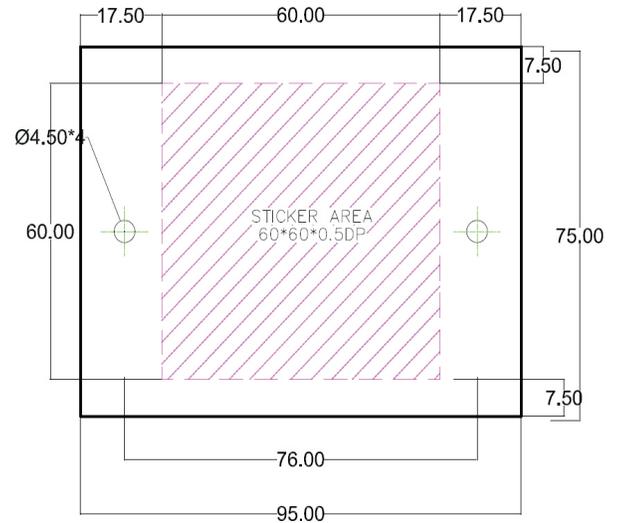
Wiring Configuration for Conventional Detectors (Class B, Style C)

24 VDC Power Supply Regulated, Isolated, Power Limited as per NFPA 70. Fire Listed

To Next Module

4.7K EOL Resistor RE-4.7K

24VResettable Output

Model : RE - 717MZ

Sl.No :

supply

To Next Device

SIGNAL LINE CIRCUIT (SLC) 28 VDC MAX.
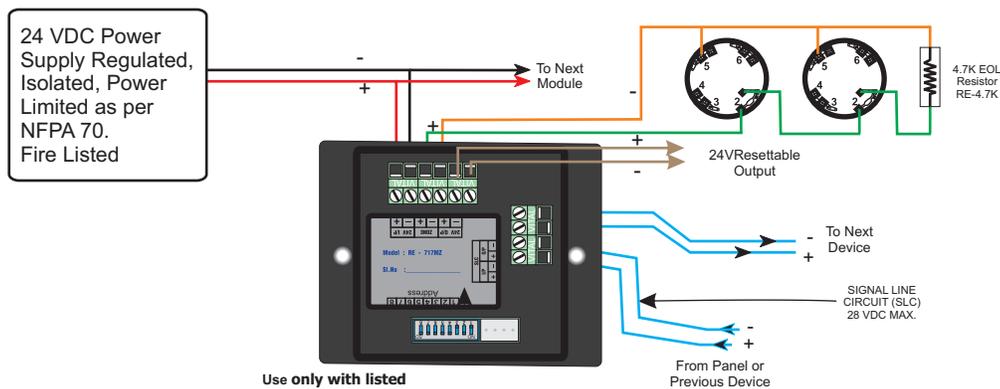
From Panel or Previous Device

Use only with listed compatible panels.

NOTE:

  * ALL WIRING SHOWN IS SUPERVISED AND POWER LIMITED

Compatible Devices:

MODELS	DESCRIPTION
Avani	Analogue Addressable Fire Alarm Control Panel

Ordering Information:

MODEL	DESCRIPTION
RE - 717MZ	Analogue Addressable Zone Module