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II955I
950 Series Zone Monitor Unit with Isolator (Surface Mount)

General

The II955I addressable conventional zone monitor powers and controls the operation of one zone of conventional detectors directly from the analogue loop. Provision is also made for either standard end-of-line supervision, or the inclusion of active end-of-line devices to allow for head-out monitoring.

Design

The II955I is designed to be surface mounted to walls and consists of three parts:
• a backbox with knockouts for cable entry
• a PCB assembly
• a protective front cover.

The II955I is fitted with a bi-directional short-circuit isolator so that they are unaffected by a single short-circuit on either loop input or output.

Details

• Aesthetically pleasing
• Loop powered
• Part of a full line consisting of: • Switch monitors • Zone monitors • Input/output units • Sounder circuit controllers
• LEDs for signalling of I/O and fault condition
• On board loop isolation
• Standard or head-out supervision
• EN54 and CPD certified

11955I
950 Series Zone Monitor Unit with Isolator (Surface Mount)

Technical specifications

Electrical

Operating voltage	14 to 28 VDC
Current consumption	<4 mA
Supply voltage	14 - 28 VDC
Protocol	5 - 9 V
Switch on surge	3.5 mA
Quiescent current max. (no devices)	4 mA
Alarm current (max)	19 mA
Isolation current	11 mA

Physical

Physical dimensions	150 x 90 x 48 mm
Colour	White
Size (l x w x h)	150 x 90 x 48 mm

Environmental

Operating temperature	-20 to +70°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP54
Operating temperature	-20 to 70°C
Relative humidity	0 - 95 %
Ingress protection	IP54

Standards & regulation

Certification	EN54-17, EN54-18

Zone characteristics

Zone voltage (nominal)	19 V ± 1V (loop voltage -1.5 V)
End-of-line	5.1 kohm 1/3 W (or active)
Capacitance	< 50 µF

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