DMN960IE

990 Series Manual Call Point Waterproof With Isolator - Red (Surface Mount)

General

The DMN960IE is an addressable, waterproof manual call point designed for use outdoors and in places where moisture and dirt may be a problem. It is compliant with EN54-11/17 and can be used with the 900 series device range on Aritech addressable panels. It is shipped with an easily resettable element rather than a break glass.

Operating Principles

All 960 series call points are addressed at the commissioning stage by means of a seven-segment DIL switch. The DMN960IE incorporates a short circuit isolator that ensures its operation in the event of a short circuit fault on the loop.

A single bi-coloured alarm LED is provided on the call point. The LED may be controlled independently of the call point from the FP1200/2000 fire panel. The LED is illuminated RED when the call point has been activated, or AMBER/YELLOW to indicate a short circuit.

Installation and Operation

The DMN960IE helps reduce installation time as all the initial installation cabling is wired to a terminal block that fits neatly in the back of the call point.

Once activated the call point can be easily reset by using the supplied test key and simply pushing the front cover up.

Approvals

All manual call points in the 960 series have been tested and approved by LPCB and a number of other approval authorities.

EN54-11 and EN54-17 approved
CE and CPD certified



Details

- IP67 waterproof
- Tamper resistant break glass design
- LED alarm indicator
- Resettable element
- Plug and play terminal connections for fast wiring
- Allows wiring continuity testing before fitting
- Built-in loop isolator
- Easy to test with auto reset
- Fast (3s) response

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Technical specifications

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Status indication	Red LED (Alarm), Yellow LED (Isolated)

Electrical

Operating voltage	17 to 28 VDC
Communication voltage	5 to 9 V (Protocol)
Current consumption	4 mA (Alarm (LED on) 1 mA (Power-up surge, 1 s) 100 µA (Quiescent)

Physical

Physical dimensions	93 x 98 x 71 mm (L x W x H)
Net weight	240 g
Colour	Red
Cable entries	M20
Material (contacts)	Polycarbonate / ABS

Environmental

Operating temperature	-30 to +70°C (no icing)
Relative humidity	0 to 95% noncondensing
Environment	Outdoor
IP rating	IP67

Regulatory

Certification	EN54-11, EN54-17

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