

DMN990I

990 Series Addressable Manual Call Point With Isolator

General

The DMN990I is a surface mount, RED addressable 990 Series manual call point with a high strength plastic housing. The dual LED indicator provides visual confirmation of alarm initiation as well as isolator status when the built-in short circuit isolator is activated. The test key (included with each unit) facilitates functional testing of the call point. The manual call point is delivered complete with glass, but a resettable element can be installed as an option at any time.

Operating Principles

The address of each call point is set at the commissioning stage by means of a seven-segment DIL switch. The device features plug and play terminal connections. A single alarm LED is provided on the call point and is controlled, independently of the call point, by the fire panel.

Accessories

It is possible to surface or flush mount any of the call points in the line. Accessories to accommodate this are available separately.

Approvals

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

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



Details

- Addressable manual call point
- LED alarm/isolation indicator
- Tamper resistant break glass design
- Easy to test with self reset
- Fast response
- IP67 waterproof model available
- Plug and play terminal connections for fast wiring
- Allow wiring continuity testing before fitting
- Built in short circuit isolator
- Resettable element option

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Technical specifications

Electrical

| | |
|-------------------|--------------|
| Operating voltage | 17 to 28 VDC |
|-------------------|--------------|

| | |
|-----------------------|------------|
| Communication voltage | 5 to 9 VDC |
|-----------------------|------------|

Physical

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|---------------------|-------------------------------|
| Physical dimensions | 89 x 93 x 26.5 mm (H x W x D) |
|---------------------|-------------------------------|

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|------------|-------------------------------|
| Net weight | 110 g (MCP) / 50 g (Back Box) |
|------------|-------------------------------|

| | |
|--------|-----|
| Colour | Red |
|--------|-----|

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|----------|--|
| Material | Red, self coloured polycarbonate / ABS |
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Environmental

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|-----------------------|--------------|
| Operating temperature | -20 to +60°C |
|-----------------------|--------------|

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|---------------------|--------------|
| Storage temperature | -30 to +80°C |
|---------------------|--------------|

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|-------------------|------------------------|
| Relative humidity | 0 to 95% noncondensing |
|-------------------|------------------------|

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|-------------|--------|
| Environment | Indoor |
|-------------|--------|

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|-----------|-------|
| IP rating | IP24D |
|-----------|-------|

Regulatory

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|---------------|------------------|
| Certification | EN54-11, EN54-17 |
|---------------|------------------|

Current consumption

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|----------------------|------|
| Switch on surge (1s) | 1 mA |
|----------------------|------|

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|-----------|--------|
| Quiescent | 100 µA |
|-----------|--------|

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|----------------|------|
| Alarm (LED on) | 4 mA |
|----------------|------|

LED indication

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|-------|---------|
| Alarm | Red LED |
|-------|---------|

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|----------|------------|
| Isolated | Yellow LED |
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As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit ie.firesecurityproducts.com online or contact your sales representative.

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