# DM2080I-N

## Aritech 2000 Series addressable fire manual call point with isolator

### General

The DM2080I-N is an addressable, 2000 series RED manual call point with dual isolator included. Its double action push button has a latching mechanism and is designed according to DIN14655 standards. It is supplied in a in a durable plastic housing with alarm indication LED and has a door opening angle of more than 180° for ease of access.

### Installation

The DM2080 is made ready for installation on German junction boxes. The enclosure has an IP rating of DIN IP42 and boasts generous space for the wiring. A t-insulator separates the outside from the inside, and a connector for screened cable in the connection area is available. A yellow LED is available internally to indicate the status for the isolator.

### Approval

The DM2080I-N is VdS approved: G 203056.



### Details

- Type B (double action) manual call point
- Includes dual isolator
- RED (alarm) and YELLOW (Isolated) LEDs, complies to DIN14655
- Door opening angle >180°
- Complies to DIN14655
- VdS Approved

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## Technical specifications

### General

| | |
|---|---|
| Status indication | LED |
| Compatibility | Aritech 2000 systems |
| Connectivity | 2-wire loop |
| Addressing method | DIP Switches |

### Electrical

| | |
|---|---|
| Power supply type | Loop powered |
| Operating voltage | 17 to 28 VDC |
| Current consumption | <1 mA (quiescent)<br><4 mA (alarm) |
| No. of cable cores | 2 |

### Detection

| | |
|---|---|
| Detection principle | Microswitch |
| Monitoring | Device type, Presence |
| Coverage area | Defined by local installation rules |

### Isolation

| | |
|---|---|
| Type | Negative line break |
| Series resistance | 0.1 ohm (line resistance) |

### Physical

| | |
|---|---|
| Physical dimensions | 125 x 125 x 36 mm (W x H x D) |
| Net weight | 225 g |
| Colour | Red (RAL 3001) |
| Mounting type | Wall mount |
| Material (body) | RA6 + 30%gF |
| Functional marking | House on Fire |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +50°C |
| Environment | Indoor |
| IP rating | IP42 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 2, WEEE |
| Certification | CPR |
| Standards | EN54-11, EN54-17 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Detection device | DM966 | Replacement clear windows for push-button activated manual call points |

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