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-Schalter

Electrical

Power supply type	Loop-Stromversorgung
Operating voltage	17 to 28 VDC
Current consumption	<1 mA (quiescent) <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	Negativer Zeilenumbruch
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	Rot (RAL 3001)
Mounting type	Wandmontage
Material (body)	RA6 + 30%gF
Functional marking	House on Fire

Environmental

Vandal proof	No
Operating temperature	-10 to +50°C
Environment	Drinnen
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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