Fire Panels - Accessories

Enclosed Addressable Manual Call Point with Isolator

Model 4439

- Attractive design & Built-in short-circuit isolator. IP rating IP56
- *Test key for routine testing without breaking the frangible element*

General

The manual call point (m.c.p.) has an attractive design compliant with EN54-11, and is surface mounted in the supplied red back-box. To operate the m.c.p. the frangible element is pressed until it is broken. This will activate the built-in microswitch, which will generate a fire alarm in the c.i.e. The frangible element is easily replaced. The m.c.p. also has a built-in short-circuit isolator.

Test / cover removal key

Routine testing is made without breaking the frangible element by inserting a supplied test key. The m.c.p. will be reset when the test key is pulled out. The test key is also used for the front cover removal.

Protective cover

To protect the m.c.p. against accidental operation, a transparent flap has to be lifted to get access to the frangible element.

Encapsulated circuit

All electronics are encapsulated. Only the terminal block is accessible from the rear. Mounted in the supplied red back-box with the tightening gasket in place (see the opposite page), the IP rating is IP56.

LED indicator

LED steady on indicates that the m.c.p. is operated, i.e. fire alarm is activated in the c.i.e.
Flashing LED, see **Connection / Settings**.

Built-in isolator

The isolator, compliant with EN54-17, will divide the COM loop into **segments**, i.e. between two isolators or between an isolator and the c.i.e.
In case of a COM loop short-circuit only the affected segment will be disabled. Depending on the mode, the isolator will be in use or not.

Connections / Settings

The m.c.p. and the isolator takes only **one** COM loop address. The mode of addressing and technical address are set with the address setting tool 3314/4414 as follow:

- **NORMAL** mode, only if isolator is required, type must be programmed as 4439. Valid for FT1020G3 and FT128 software version ≥ 2.0
- **2330** used if the isolator is not required. Must be programmed as 3339 via EBLWin or WING3/512/128

Two flying leads (wires) are connected to the terminal block and shall be used for the address setting tool's connection cables only. The wires shall be disconnected before the COM loop wires are connected.

Product applications

Used in the systems FT128 / FT512 / FT1020G3 and is intended for outdoor use (IP56). Must not be exposed for temp. lower than -25ºC.

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Type numbers

4439	Enclosed (IP56) addressable manual call point with Isolator
2347	Replacement glass (10 pcs.)
2348	Replacement polycarbonate cover (10 pcs.)

Left: The supplied back box. Mounting lug hole D=5mm. Right: The call point backside view ((note the black tightening gasket.

Flying leads to be connected to the address setting tool 3314/4414 during mode and address setting

98mm
36mm
51mm
51mm

59mm [1]
1) 66mm with the polycarbonate flap.

TEST & RESET
87mm
87mm

FRONT COVER REMOVAL

How to perform routine testing

① Insert the test key into the hole in the front cover.

The glass position will change, indicating that the call point is operated. Wait until the LED is turned on, i.e. fire alarm is activated in the c.i.e.

② Pull out the test key and the glass position will return to normal.

The LED will be turned off when the fire alarm is reset in the c.i.e.

How to replace the glass element

Lift the polycarbonate flap.

① Release the front cover security clips with the test key.

② Lift and remove the front cover.

Remove the broken glass element. Place the top edge of the replacement glass element against the micro switch plunger and push it upwards until the glass element is in correct position.

Put back the front cover and lower the polycarbonate flap.

Perform a routine test (see left).

Technical data

Voltage (V DC)	
allowed	12-30
nominal	24
Current consumption at nom. volt. from COM loop (mA)	
quiescent / active	1.6 / 2.7
Ambient temperature (C)	
operating / storage	-25 to +70 / -40 to +85
Ingress Protection rating	IP56
Weight (g)	235
Construction / Colour	ABS / Red (ISO 3864)
Approvals	C.E:13 EC Certificate no. 0786-CPD-21236, EN54-11:2001 + A1:2005 and EN54-17:2005 + AC:2007

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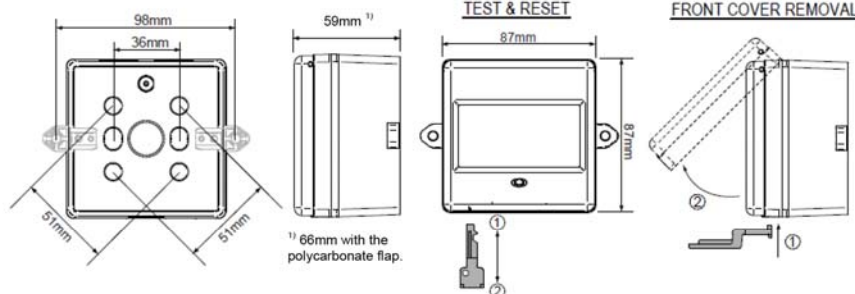E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice. DS4439 14/021/14