Panasonic

Fire alarm systems Enclosed addressable manual call point with isolator 4439

- Attractive design & Built-in short-circuit isolator. IP rating IP56
- Test key for routine testing without breaking the glass 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 glass 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 glass 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 glass 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 glass 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 on 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, which is set with the Address setting tool 3314. Also the mode is set with 3314:

- **NORMAL** mode (EBL128 SW version $\geq$ 2.0 and EBL512 G3 SW version $\geq$ 1.1. Not EBL512): M.c.p. type 4439. Isolator **in use**. Flashing or non-flashing LED is set via Win128 / WinG3.
- **2330** mode (EBL128, EBL512 SW version $\geq$ 2.0 and EBL512 G3): M.c.p. type 3339. Isolator **not in use**. Flashing or non-flashing LED is set via Win128 / Win512 / WinG3.
- **2312** mode (EBL512 and EBL512 G3 SW version $\geq$ 1.1. Not EBL128): M.c.p. type 2339. Isolator **not in use**. **NOTE!** This mode is normally used only for backwards compatibility. Flashing LED.

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 EBL128 / 512 / 512 G3 and is intended for outdoor use (IP56). Must not be exposed for temp. lower than -25°C.

BVQi
ISO 9001

| Type numbers	
4439	Enclosed (IP56) addressable manual call point with isolator
2347	Replacement glass (10 pcs.)
2348	Replacement polycarbonate flap (10 pcs.)
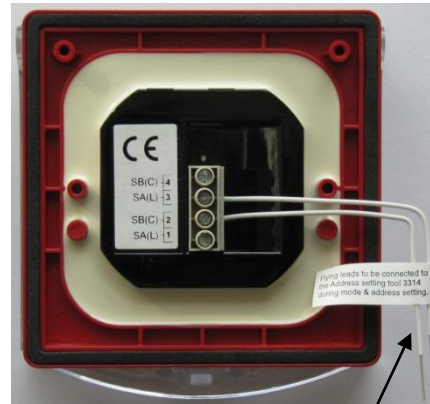
Left: The supplied back box. Mounting lug hole Ø = 5 mm. Right: The call point backside view (note the black tightening gasket).

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

TEST & RESET **FRONT COVER REMOVAL**

1) 66mm with the polycarbonate flap.
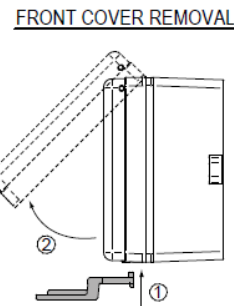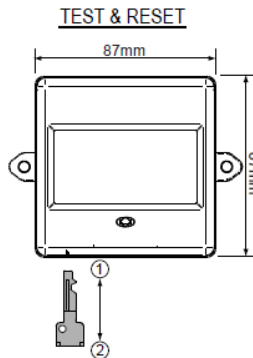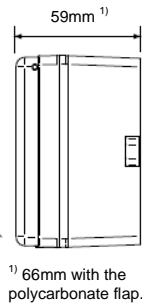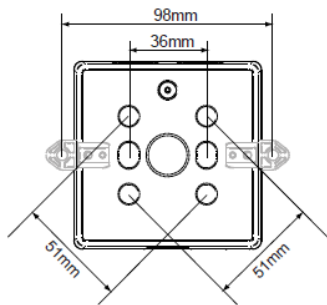
How to perform routine testing

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 nominal	 12-30 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	CE 13 EC Certificate no. 0786-CPD-21236, EN54-11:2001 + A1:2005 and EN54-17:2005 + AC:2007

All technical features and data are subject to changes without notice, resulting from continuous development and improvement.

Product Leaflet	Date of issue	Revision / Date of revision
MEW01521	2013-02-21	- / -