BUTTON EMERGENCY STOP
TYPE FD3050B
INSTRUCTION MANUAL 02-3050B

GENERAL DESCRIPTION

Button EMERGENCY STOP is compatible with Extinguishing Fire Control Panel FS 5200E. It is designated to send a signal to the Control Panel to delay (hold) the extinguishing process. The button is to be mounted close to the protected premise. Pressing the button extends the evacuation time - the evacuation time is reset to its preprogrammed value. If necessary the button can be used several times in the period of evacuation time.
Connect the button to input "HOLD" of the Control Panel. The connection line is monitored for short-circuit or interruption using end of line resistance. From the Control Panel FS5200E menu „System Functions/SetUp/Input-outputs/Input Hold" the activity of the input "Hold" must be changed from „Open" to „Closed".
The button has one normally open contact and built-in resistors of 1,5 kΩ and 3 kΩ. The 3 kΩ resistor is connected through a bridge(pos.8, fig. 1a). When pressing the button, the contact is closed and commutates circuit through the resistors and the bridge. When the button is not the last one (i.e. there are buttons of the same type after it - fig.2b, 2c) it is necessary to cut the bridge(pos.8, fig.1a). When the button is located at the end of the line or we have only one button on the line (fig.2a), the bridge is not cut.
FD3050B consists of : surface mounting box (pos.4, fig.1), a carrier unit (pos.3, fig.1),a button (pos.5, fig.1), a breakable seal (pos.6, fig.1),a cover (pos.2, fig.1) and a protective cover (pos.1, fig 1):
To activate the EMERGENCY STOP Button:
1. Open the protective cover, fixed by means of the breakable seal.
2. Press the button. Evacuation time starts counting from the beginning.
3. Release the button.
NOTE:
After activating the EMERGENCY STOP Button, it is not possible to use again the same breakable seal for fixing the protective cover. Because of this you have to use a new breakable seal.
To enable the EMERGENCY STOP Button:
1.The button is self-resetting. Enabling is not necessary.

TECHNICAL DATA

Button	one normally open contact (NO)
Electrical installation	by means of terminal for installation wires with cross section (0,8-1,5) mm^2
Degree of protection	IP 40
Operating temperature range	from minus 10°C to plus 60°C
Relative humidity resistance	(93±3)% at 40°C
Dimensions	90 x 90 x 44 mm (90 x 90 x 56) –(extended back box for surface mounting)
Material	ABS, blue

INSTALLATION

To install the button, please observe the following sequence:
1. Dismantle the basic components of the unit : the cover, the carrier unit, and the back box shown on fig.1 by unscrewing the fixings.
2. Fix the back box on the wall by means of dowels and self-tapping screws.
3. Join the wires of the input line to terminals (pos.7, fig 1a), located on the rare side of the carrier unit (pos.8, fig. 1a).
4. If the button is not the last one on the line (i.e. there are buttons of the same type after it - (fig.2b, 2c) it is necessary to cut the bridge (pos.8, fig.1a).
5. Consecutively mount to the back box of the button the following elements; the carrier unit, the breakable seal, and the cover.
6. Fix the protective cover to the back box by means of the breakable seal.
7. Cut off the spare end of the breakable seal. In this way the breakable seal can not be used again for fixing the protective cover indicating that the button has been already used.

.TESTING

The manual call point is tested after installation, as a part of the Extinguishing Fire Alarm System or after performing service schedule:
1. Testing
1.1 Press the button.
1.2 The button is activated.
1.3 LED indicator "Hold Extinguishing" in the Control Panel should flash on with yellow light.
1.4 Release the button.
1.5 LED indicator "Hold Extinguishing" lights off.
NOTE : It is required testing of the button EMERGENCY STOP to be performed before cutting off the spare end of the breakable seal, as shown on item 7. Otherwise the breakable seal shall be replaced with a new one.
2. Enabling
2.1 The button is self-resetting. After releasing it is ready for new activation.

SERVICE SCHEDULE

1.Inspection for visible physical damage - weekly

WARRANTY

The warrant period is 36 months from the date of the purchase.
The manufacturer guarantees the normal operation of the fire detector providing that the service requirements of the instruction manual herein have been observed.
The manufacturer does not bear warranty liabilities for damages, caused through accidental mechanical, misuse, adaptation or modification after the production of the product.
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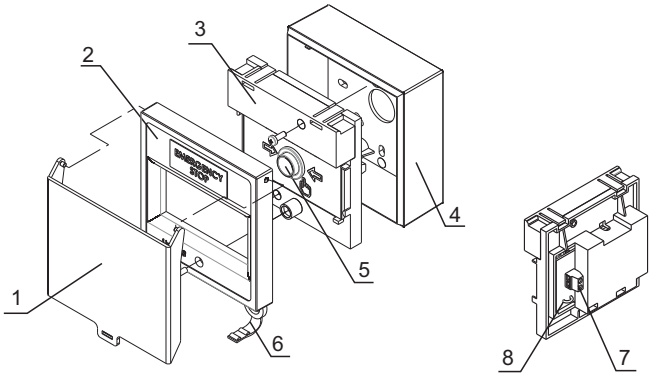


Fig.1/Fig.1a

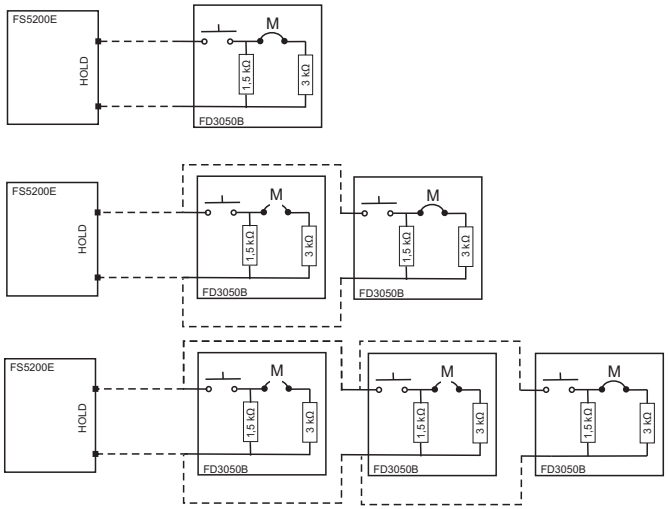


Fig.2a/2b/2c

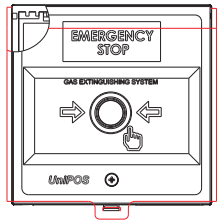


Fig.3

Manufacturer: UNIPOS Ltd., 47 San Stefano Str., Pleven 5800 Bulgaria
http://www.unipos-bg.com

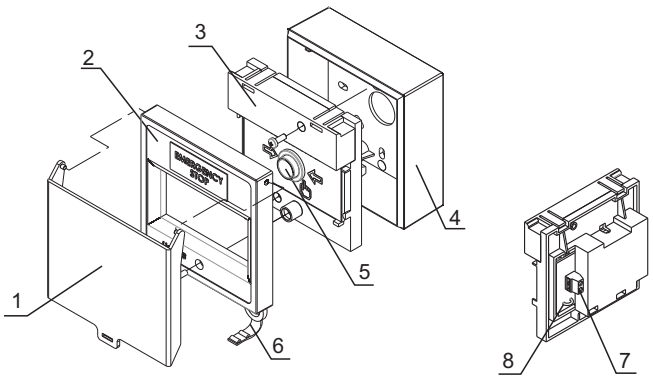


Fig.1/Fig.1a

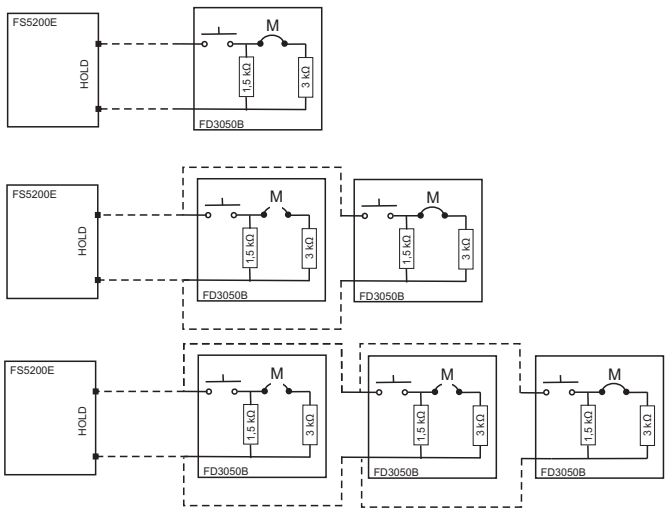
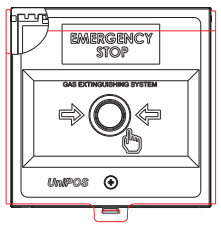


Fig.2a/2b/2c



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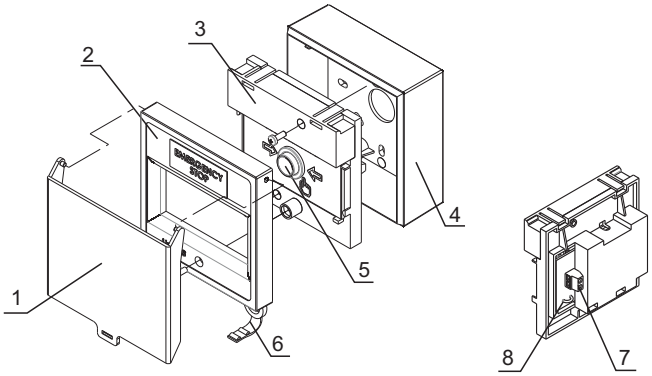

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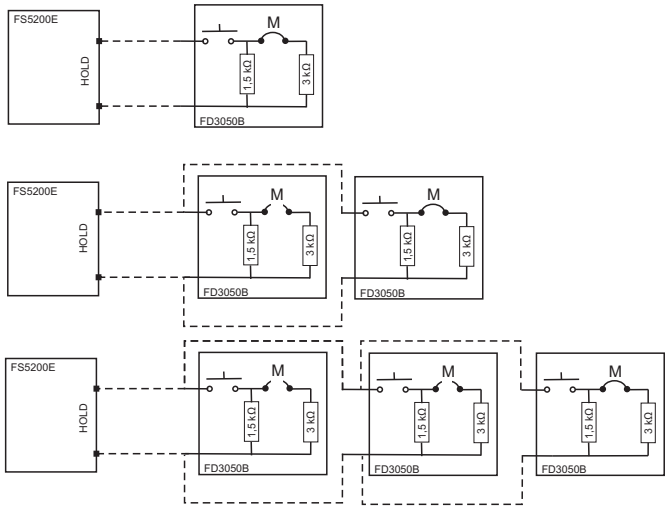

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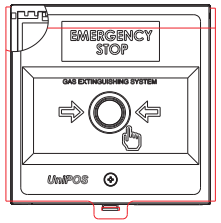

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