

Esmi Impresia IP67 Manual Call Point

Instruction Sheet
R10233GB0



Schneider Electric Fire & Security Oy

Sokerilinnantie 11 C
FI-02600 Espoo, Finland
Tel: +358 10 446 511
Website: www.se.com
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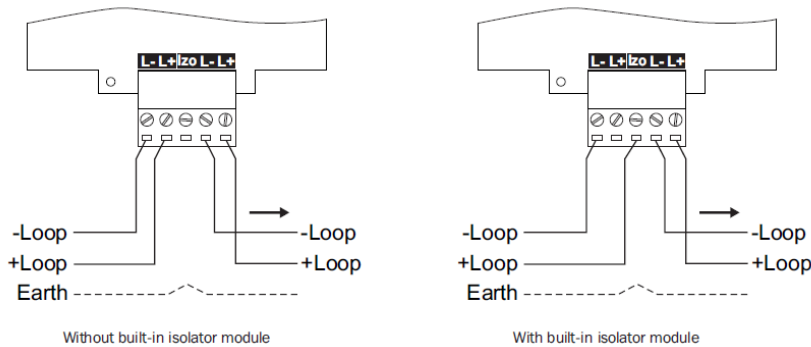
1 Esmi Impresia IP67 Manual Call Point

The addressable manual call point Esmi Impresia IP67 Manual Call Point (FFS06741005) is designed for outdoor installations and IP67 environments*. The call point has a built-in isolator. The call point is also equipped with a protective transparent cover for avoiding of fault or accidental activation. Esmi Impresia IP67 Manual Call Point is designed for installing in addressable fire alarm systems with Esmi ELC loop controller supporting Schneider Electric communication protocol.

The address setting is done by the panel or handheld addressing device. The address range is 1-250.

* The declared IP67 is achieved only when using IP67 rated cable glands!

Important: When you use the integrated short circuit isolation module connect one of the “+Loop” loop lead to the “Izo” terminal of the call point.



! Dimensions	
! Installation	
IP67	Indoor and Outdoor Use
-10°C ÷ +60°C	
~262g	

CE₁₇
1293

DoP No: DP20021
 Made in Bulgaria
 EN 54-11:2001
 EN 54-11:2001/A1:2005
 EN 54-17:2005
 EN 54-17:2005/AC:2007
 EN 60529+A1:2004

2 Installation instructions

2.1 General Description

The Esmi Impresia IP67 Manual Call Point is designed for outdoor installations and IP67 environments. The call point has a built-in isolator module which when used allows continuous operation of the loop in case of short circuit and without need of using additional isolator modules. The call point is equipped also with a protective transparent cover for avoiding of fault or accidental activation.

The Esmi Impresia IP67 Manual Call Point is powered on from the fire panel and can be controlled via the communication protocol.

** The declared IP67 is achieved only when using IP67 rated cable glands!*

2.2 Working Principle

In stand-by mode, the resettable (flexible) call point element is in a middle position and the LED is off.

When pressed on, the resettable element is moving down and a colour strip is shown on at its upper side. The call point is in "Fire alarm" condition and the LED is on. The resetting of the flexible element back in stand-by mode is done with the special tool - fix the long side of the tool at the call point bottom hole and push up until flexible element moves up in middle position - a click is heard.

2.3 Programming an address

Device will be software addressed from Fire panel. The address must be in the range from 1 to 250.

2.4 Testing the Call Point Operation

Isolate the fire alarm system before testing. Use the special tool to test the call point operation function ability - insert the tool in the "Test" hole and push up to test. The tool moves the flexible element up and thus operates the call point. The LED will light up while the call point is in test mode.

1 Structure

Attention: The o-ring sealant must be correctly fitted in the channel to provide the declared IP67 rating!

(1) - Back box for surface mounting
 (2) - Front cover
 (3) - Protective transparent cover
 (4) - Screws (8 pcs.) for fixing the front cover to the back box
 (5) - Front cover back side
 (6) - Tool for testing and resetting of the call point in stand-by mode (use the tool as shown on the picture - the "UP" mark must be in front)

2 Surface Mounting

Remove the protective caps of the cable gland holes

Place the back box in upright position; Mount the back box using screws according the mounting surface; Mount cable glands with IP67 into the holes and tighten the nuts underneath.

3 Connection Diagram

Attention: Power off the loop circuit before installing the Manual Call Point

Important: When you use the integrated short circuit isolation module connect one of the "+Loop" loop lead to the "Izo" terminal of the call point.

4 Testing the operation

The "UP" mark must be in front

Push upwards - the LED must light on

5 Alarm Indication

Stand-by mode

Lift up the cover

To activate a Fire alarm, press the flexible element in the middle - red LED is ON.