

Esmi Impresia 4 Inputs/0 Outputs Module

Instruction Sheet
R10231GB0



Schneider Electric Fire & Security Oy

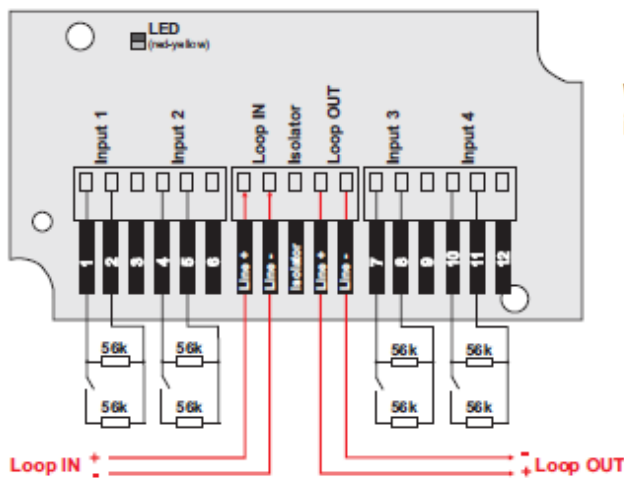
Sokerilinnantie 11 C
FI-02600 Espoo, Finland
Tel: +358 10 446 511
Website: www.se.com
Document number: R10231GB0
Published: 18.12.2020

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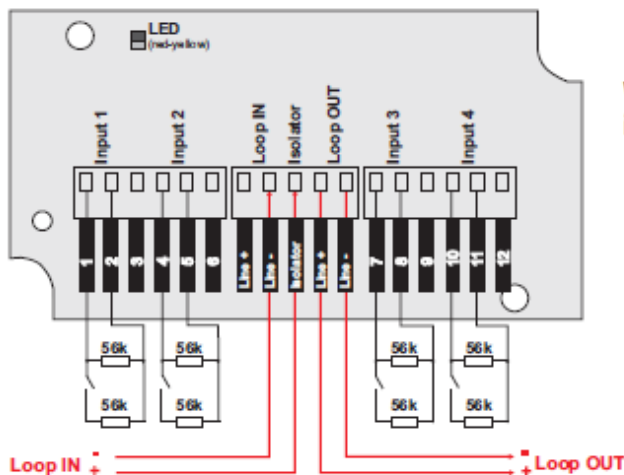
1 Esmi Impresia 4 Inputs/0 Outputs Module

Esmi Impresia 4 Inputs/0 Outputs Module (FFS06741010) is an addressable module, that monitors four analogue input signals and is designed for installing in addressable fire alarm systems with Esmi ELC loop controller supporting Schneider Electric communication protocol. The module has a built-in isolator module, which when used allows continuous operation of the loop in case of module's failure and without need of using additional isolator modules. The module is mounted in a separate plastic box suitable for wall mounting and with IP55 protection.


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



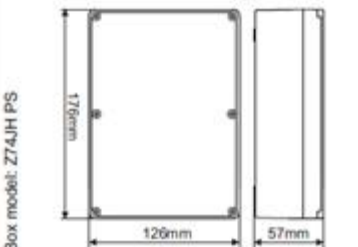
Without using the built-in isolator module.



With using the built-in isolator module.







 1293
 DOP: DP20026
 Made in Bulgaria
 EN 54-18:2005
 EN 54-18:2005/AC:2007
 EN 54-17:2005
 EN 54-17:2005/AC:2007

1 Dimensions



Box model: Z74JH PS

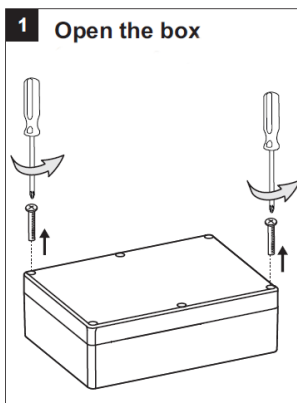
1 Installation

-  IP55
-  -10°C + +60°C
-  ~320g
-  Indoor use
-  Outdoor use

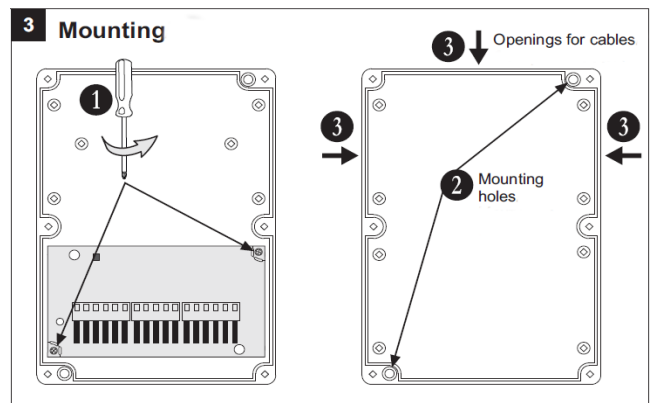
1.1 Installation

Attention: Turn power off the loop circuit before installing the module!

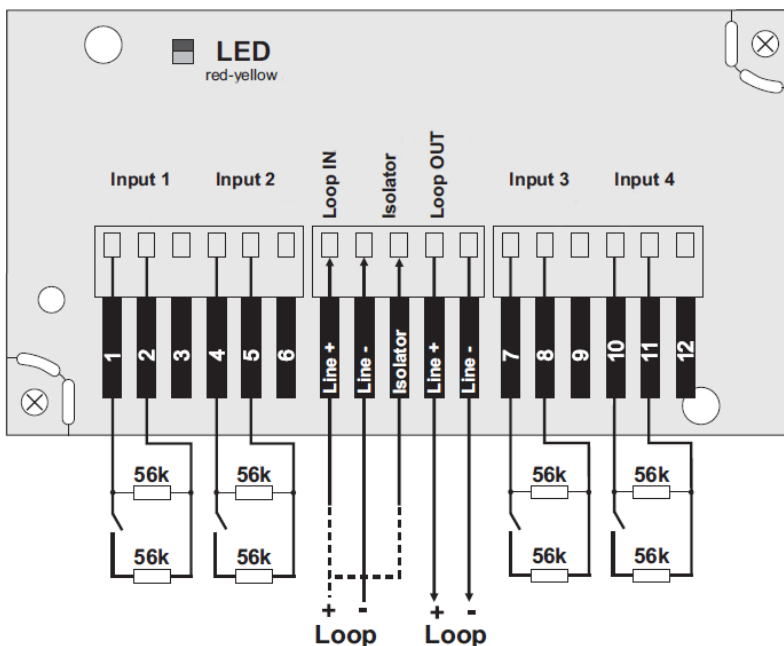
1. Choose the proper place for installation of the module.
2. Set the module address using programmer or directly from addressable fire panel.
3. Run the cables to the module terminals.
4. Connect the cables to the loop and input terminals of the module according the shown Connection diagrams.
5. Test the module for proper operation and LED indication.
6. Close the cover of the plastic box.



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



3. Openings for running cables
4. Mounting holes



ATTENTION: When you use the integrated short circuit isolation module connect one of the “+Loop” loop lead to the “Isolator” terminal of the module.

INPUTS status

Status	Description	R*	I**
SHORT	Short circuit	<13k	>54μA
ON	Activation	13k-36k	38μA - 54μA
NORMAL	Stand-by mode	36k-90k	23μA - 38μA
OPEN	Open circuit	>90k	<23μA

- The RED LED lights on, when the least one of the inputs is turned on (state ON).
- The YELLOW LED lights on, when at least one of the inputs ins SHORT or OPEN condition, i.e. there is an input in fault condition.
- The RED LED is blinking when communication between the module and fire panel is running on.

NOTE: in situations when both the red and yellow LEDs are lighting on the actual color is recognized as orange.