

Esmi Impresia 2 Inputs/2 Outputs Module

Instruction Sheet
R10223GB



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1 Esmi Impresia 2 Inputs/2 Outputs Module

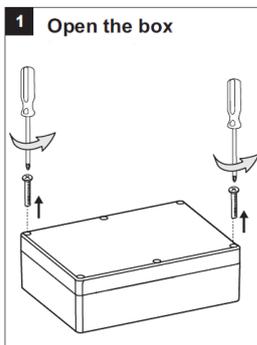
Esmi Impresia 2 Inputs/2 Outputs Module (FFS06741007) is an addressable input-output module, designed for installing in addressable fire alarm systems with Esmi ELC loop controller supporting Schneider Electric communication protocol. The module monitors two analogue input signals and controls two relay outputs. The module is mounted in a separate plastic box suitable for wall mounting with IP55 protection and possible for outdoor installations.

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

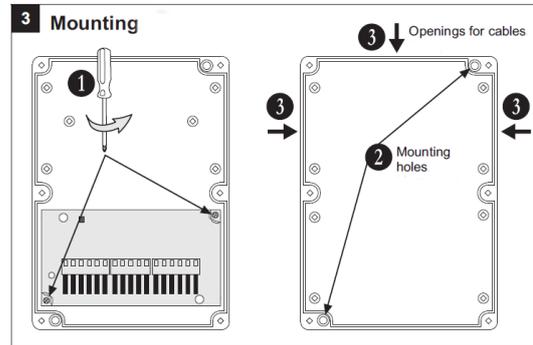
1.1 Installation

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 loop and input-output terminals.
4. Connect the cables to the loop and input-output 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.



LED Indication/

1. OUTPUTS

Status		Red LED
OUT 1	OUT 2	LED
OFF	OFF	□
OFF	ON	■
ON	OFF	■
ON	ON	■

2. INPUTS

Status		Red LED
IN 1	IN 2	LED
Normal	Normal	□
Normal	ON	■
ON	Normal	■
ON	ON	■

Status		Yellow LED
IN 1	IN 2	LED
Normal/ON	Normal/ON	□
Short/Open	Normal/ON	■
Normal/ON	Short/Open	■
Short/Open	Short/Open	■

Legend
 ■ - LED Lights on
 □ - LED Lights off

4 Installation

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

*R - resistance between the input and GND
 **I - current at the input

