

Esmi Impresia 2 Inputs/2 Monitored Outputs Module

Instruction Sheet R10221GB0



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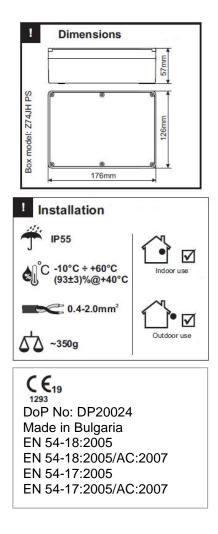
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Esmi Impresia 2 Inputs/2 Monitored Outputs Module

Esmi Impresia 2 Input/2 Monitored Outputs Module (FFS06741008) 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 outputs can be set to be monitored or non-monitored via jumpers on the module's PCB.

The active state of the monitored outputs can be programmed for operation in Normal or Inverted Mode via the panel programming menus. When an output is set as monitored, it must be powered on from an external power supply unit (see the connection diagrams). 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 with IP55 protection and possible for outdoor installations.



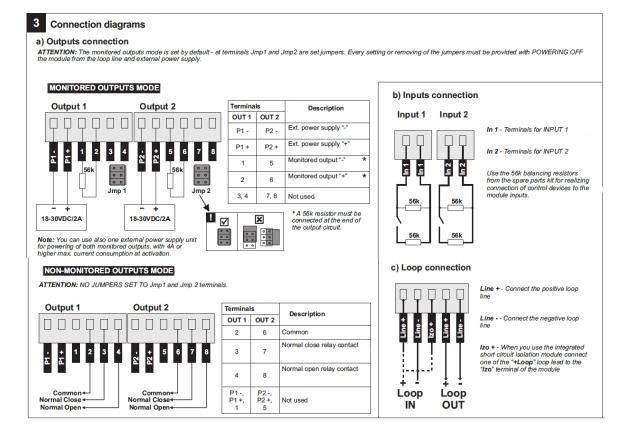


1.1 Installation

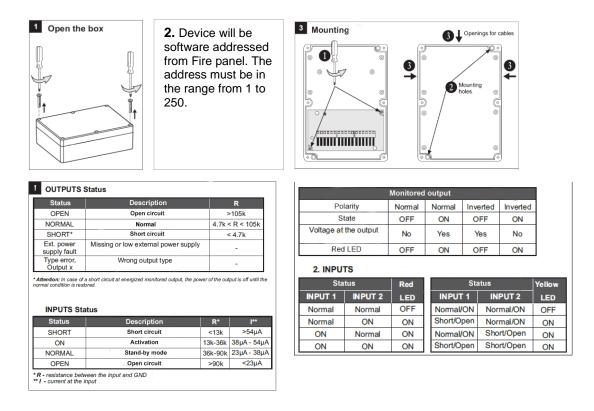
Attention: Turn the power off the loop circuit before installing the module!

- 1. Choose the proper place for installation of the module.
- 2. Set the module address using programmer or directly from addressable fire panel.
- Set the operation mode of the outputs: Monitored output (set by default) – at terminal Jmp1/ Jmp2 is set a jumper*. Non-monitored output – no jumper* is set at terminal Jmp1/ Jmp2.
- 4. Run the cables to the module terminals.
- 5. Connect the cables to the loop and input-output terminals of the module according the shown connection diagrams.
- 6. Power on the module.
- 7. Test the module for proper operation and LED indication.
- 8. Close the cover of the plastic box.

* 3-position jumper-block. **Attention:** The correct position of the jumper is when all terminal ends are covered! The incorrect position of the jumper may affect on the operation of the module and cause trouble fault.







1.2 LED Indication

The yellow LED is lighting on in case of output fault: Open, Short circuit, External power supply fault, Type error-Output x.

The red LED is lighting on in case of output activation.

Attention: The monitored outputs could be programmed for operation in Normal or Inverted mode (from the panel menus). When the Inverted operation mode is set for a monitored output, the red LED indication will follow the output logical state. This means, that when the output is in Inverted mode and it is activated - no voltage presence on the terminals 1 and 2 (Output 1), and 5 and 6 (Output 2) - then the red LED will lights ON, because the logical function of the output is "TRUE" (activated).