

VERSION 1.0
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IOFIREBUG WAGON 16I

TECHNICAL PRODUCT DESCRIPTION



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IOFireBug Wagon 16I

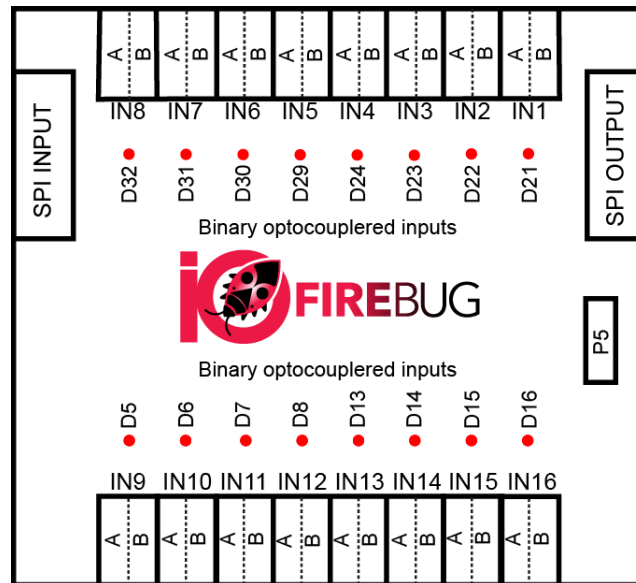
PRODUCT OVERVIEW

Expansion module WAGON 16I allows to connect additional 16 binary inputs to the main IOFireBug Engine board.

TECHNICAL DATA

| | |
|--------------------------------|--|
| Description | IOFirebug Engine expansion module |
| DI Specification | 16x galvanically isolated binary input (by optocoupler) Input voltage 5 – 30V |
| Communication interface | SPI |
| Input voltage | Internal, by SPI |
| Consumption | 30 mA / 12V |
| Dimensions | 65 x 100 mm |
| Weight | 20 g |
| Operation temperature | -20°C to 70°C |
| Protection | --- |

SCHEMATICS AND DESCRIPTION



SPI INPUT allows to connect with the IOFireBug Engine or with previous expansion module. SPI OUTPUT allows to connect following expansion module. Closed jumper P5 defines that current Wagon 16I is the last connected module in IOFireBug Engine configuration (in other words, there is no following expansion module connected to SPI OUTPUT).

LEDs are signaling state of each Binary input.

MOUNTING HOLES

