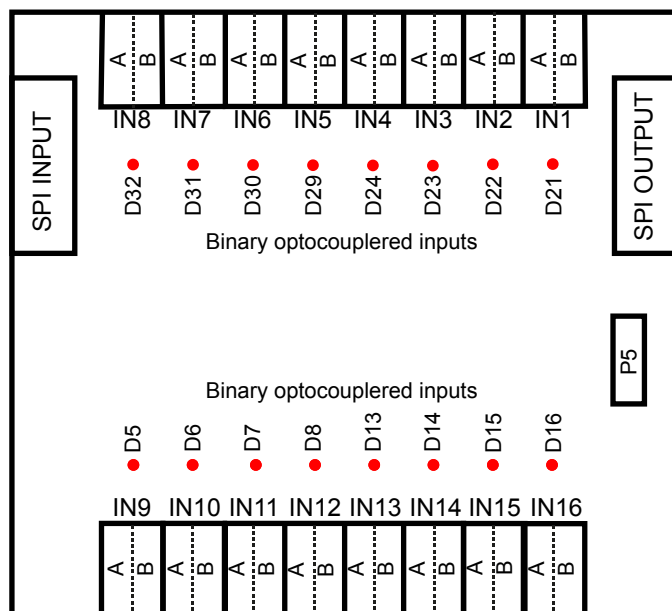
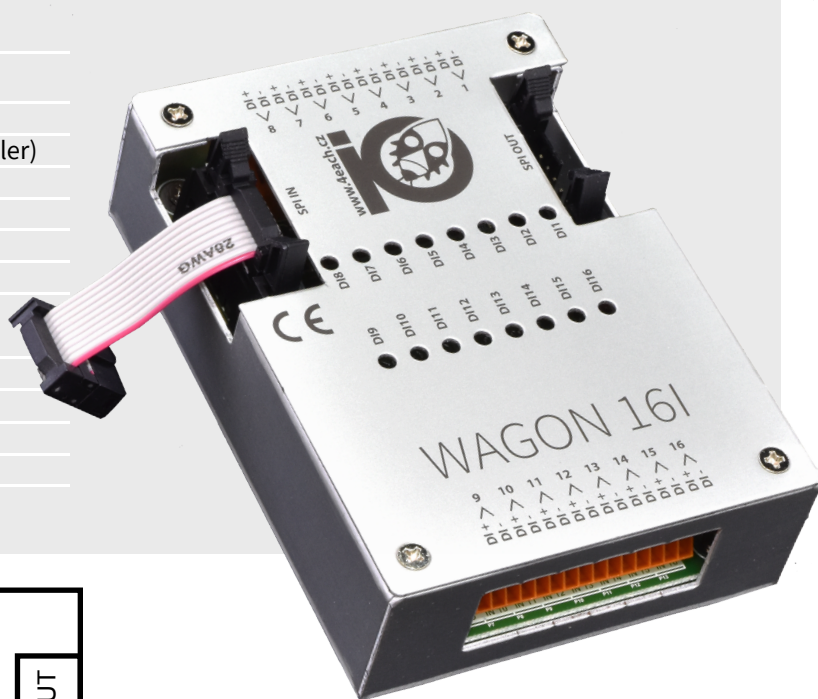


Description

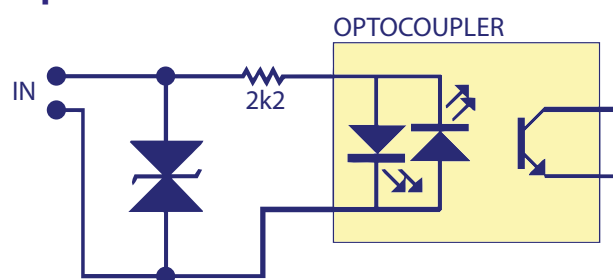
Expansion module WAGON 16I allows to connect additional 16 binary inputs to the main IOFireBug Engine unit. This module works with all types of IOFirebug Engine products.

Technical data

Producer	4EACH, s. r. o.
DI Specification	16x galvanically isolated binary input (by optocoupler) Input voltage 5-30V
Communication	SPI
Input voltage	By SPI interface from IOFirebug Engine
Consumption	30mA / 12V
Dimensions	75 mm x 102mm x 40mm
Transport dimensions	102mm x 152mm x 65mm
Weight	180 g
Operating temp.	-20° C to 70° C
Protection	-



Input circuit



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.