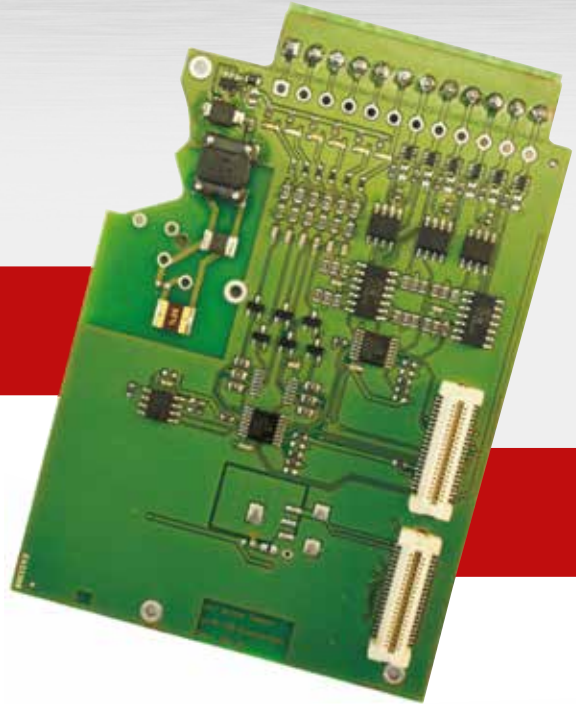




piA-IO-Expander



Features

- Extension Card for piA-AM3505/17 or piAx-AM3517
- 6 digital inputs (5 or 24V)
- 6 digital outputs (sinking outputs, max. 100mA)
- Power supply via base plate or via side connector
- Expansion connectors with I2C and SPI interface

Overview

The piA-IO-Expander is an expansion card for the single board computers piA-AM3505/17 and piAx-AM3517. It extends the functionality of those IPCs with additional digital inputs and outputs.

This extension card provides 6 additional digital inputs and 6 additional digital outputs. The maximum allowable voltage of the digital inputs depends on the assembly variant and is either 5V or 24V. The digital outputs are designed as so-called "sinking outputs" with a maximum current of 100mA.

Via the expansion connector on the back of the board further expansion cards can be attached. This connector also provides the I2C and SPI interfaces. Furthermore, a 24V supply voltage can be provided, if required, via a side connector. In this case, this board is only compatible with the housing of piA-AM3505/17.

Details

piA-IO-Expander

Suitable for	piA-AM3505/17 piAx-AM3517
Inputs	6 x digital (5 or 24V)
Outputs	6 x digital (Sinking Output, max.100mA)
Expansion connector	1 x optional for additional expansion cards (SPI, I2C)
Side connector	1 x optional for 24V power supply