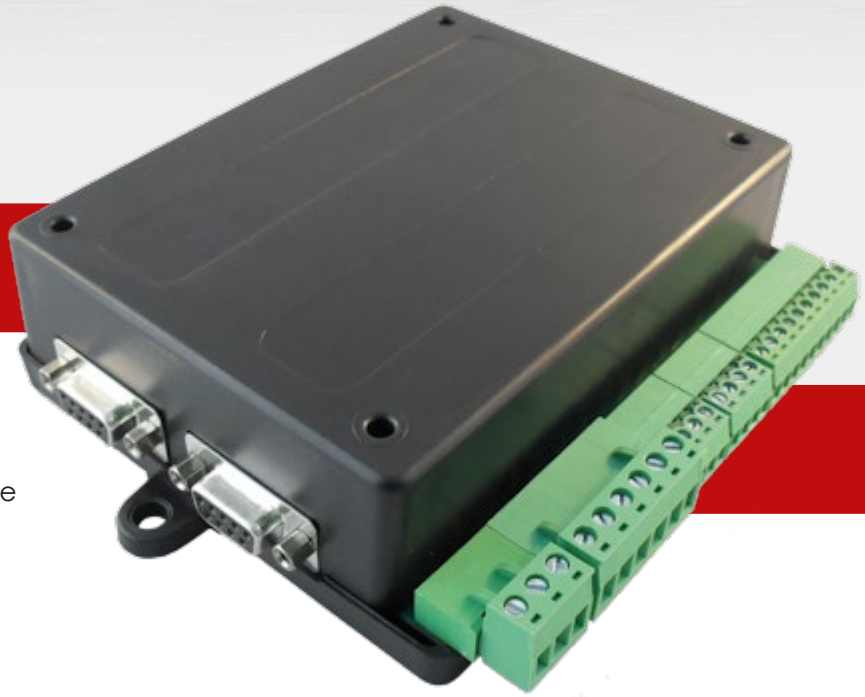
pironex
electronic and software solutions

Datasheet piCAN-Box

piCAN-Box



Features

- Remote controlled Input/Output-Module
- Communication via CAN-Bus
- Power supply via CAN-Bus
- Integrated UNI/O®-Module
- S0-interface
- 2 x NPN/PNP Input
- 2 x Relais Output, 2 x Fused Output
- 2 x Sinking Input
- 1 x Sourcing Output

CANopen EnergyBus

Overview

The piCAN-Box is an input/output module which can switch connected devices (for example electronic door openers, 12VDC) and/or read signals received via TTL-Input. External sensors can be connected to the NPN /PNP input.

Via the CAN-Bus the piCAN-Box is supplied with 12/24V and can be integrated into a CAN-Bus system. The necessary configuration of the CAN-Node-IDis carried out via hex encoding switch.

Thanks to the freely programmable PIC microcontroller, the device can be programmed and controlled according to the use.

Details

piCAN-Box	
Controller	16-Bit dsPIC from Microchip Technology
Power Supply	12V/24V via CAN-Bus
Digital Inputs	2 x Sinking Input (Component Indipendent LVTTL-/HTTL-level) 2 x NPN/PNP-Input (12V tolerant)
Digital Outputs	2 x Relays Output (max. 250V, 16A) 2 x Fused Output (max. 0.75A) 1 x Sourcing Output, max. 0,5A
External Interfaces	S0-Interface (3.3V)
Enclosure	Special housing ABS-38, black
Board Size	100.75mm x 123mm