



piCAN-Station



Features

- EnergyBus compatible input/output module
- Communication and power supply via CAN-Bus
- D-Sub 9 connectors for CAN
- 12V Open Drain Outputs
- 12V Signal Inputs
- Summer

Overview



The piCAN-Station is an EnergyBus-compatible input/output module, which can switch connected devices (for example electronic door openers) and/or read signals. External sensors can be connected to the 12V inputs.

Via the CAN-Bus the piCAN-Station is supplied with 12V power and can be integrated into a CAN-Bus system. The necessary configuration of the CAN-Node-ID is carried out via hex encoding switch. Through its integrated CANOpen stack this device is fully EnergyBus-compatible.

The freely programmable microcontroller and an integrated EEPROM enable the programming according to the future use and customer requirements.

Details

piCAN-Station

Controller	16-Bit dsPIC (Microchip Technology) 40 MIPS, 128 KB Flash-ROM, 16KB RAM
EEPROM	2 KB EEPROM for configuration parameters
LED	2 green status LEDs
Power Supply	12V ± 5% via CAN-Bus
Door Opener	6 x door opener with - High Side Switch for current limiting - Input for reading the door contact - 12V Power Supply protected by 750mA polyfuse
LED-Outputs	6 x Open Drain Output for LEDs - with 12V Power Supply - protected by 750mA polyfuse
Inputs	6 x 12V Input Signal for push-button - with power supply protected by 750mA polyfuse
Enclosure	ABS, black, wall-mounting
Enclosure Dimensions	X:110mm; Y:131mm; Z:38mm
Temperature Range	0-85°C
Connectors	Board Connector 2.54mm (Würth, WR-WTB, Art.-Nr.: 61900611621) Crimp Terminal 2.54mm female (Würth, WR-WTB, Art.-Nr.: 61910113722)