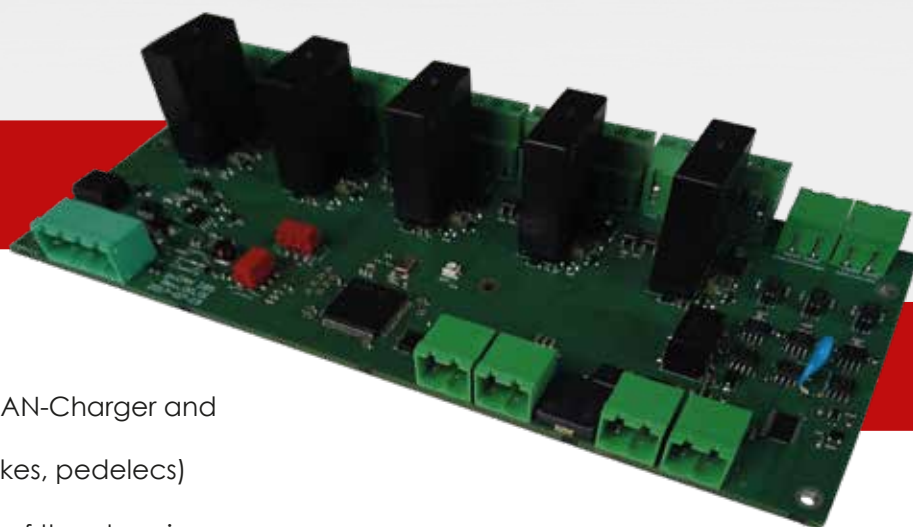




piCAN-IBS



Features

- Extension module for the series piCAN-Charger and piCAN-Wallbox
- allows loading of up to 5 LEVs (e-bikes, pedelecs) with only one charger / wallbox
- intelligent detection and selection of the charging sequence
- 15-56V charging voltage
- Data exchange with higher-level systems
- easy integration into fleet management systems
- automatic scan of all charging lines



Overview

The piCAN-IBS (Intelligent Battery Switch) is a multiplexer module that allows simultaneous loading of up to 5 LEVs with only one charger.

The outputs and inputs for external LEDs, pushbuttons, door openers and sounders support an easy integration into our piCAN-Wallboxes as well as operation with our chargers of the piCAN-Charger series. The module enables intelligent detection and selection of the charging sequence of e-bikes or pedelecs, and automatic scan of all charging lines via EnergyBus.

piCAN-IBS supports data exchange with higher-level control systems via a separate CAN bus for easy integration into fleet management systems.

Details

piCAN-IBS

Power supply	36-59VDC/ max. 10A from charger 12V 500mA
Loading type	CCCV Trickle Charge
Battery types	Lithium Ion
Connections	Power in/out 5 x EnergyBus incl. 12V Aux output, galvanically isolated 1 x intern CAN bus, galvanically isolated 2 x electric door opener 2 x 12V LED (bidirectional LED support) 1 x button 1 x external piezo buzzer
User interfaces	RGB status LED internal piezo buzzer
Service interface	CAN
Housing	DIN rail, gray / white, IP20 211,8mm x 95mm x 58mm
Temperature range	-10°C - +60°C