

b-CANCubeMini controller for mobile machines

□ The b-CANCubeMini controller from B-Plus offers 11 multi-functional in- and outputs and can be used flexibly in different machines. It offers high-performance, a wide range of interfaces and high robustness. The device supports CANopen and J1939 higher-layer protocols. For CANopen, it implements the CANopen NMT (network management) server functionality. The controller is also free programmable in C with a user-friendly API (application programming interface).

Features

- Flexible inputs parameterizable as:
 - Voltage measurement
 - Current measurement
 - Frequency measurement
 - Resistance measurement
 - Digital low-/high-side switching
- Flexible outputs parameterizable as:
 - PWM
 - Current-regulated output
 - Digital low/high-side switching
 - Up to 3 full-bridges
 - Protection against short circuit and excess temperature
 - Diagnostic capability
 - Max. 4-A each output at the same time
- Operating temperature: -40 °C to +85 °C
- Protection class: IP54
- Qualification: CE / E-mark
- Dimensions: 71 mm x 73 mm x 32 mm (WxHxD)
- Mounting: Twin automotive relay, 2x 9-pole / Back side 2x M3 inner thread / Optional: 35-mm clamp for rail mount
- Interfaces: 2 CAN (high-speed) according to ISO 11898-2
- Power supply: 8 V_{DC} to 32 V_{DC}
- Memory: 1024-KiB Flash, 192-KiB RAM, 8-KiB FRAM

Contact

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Features

No features listed.