

AL CAN I/O Modul

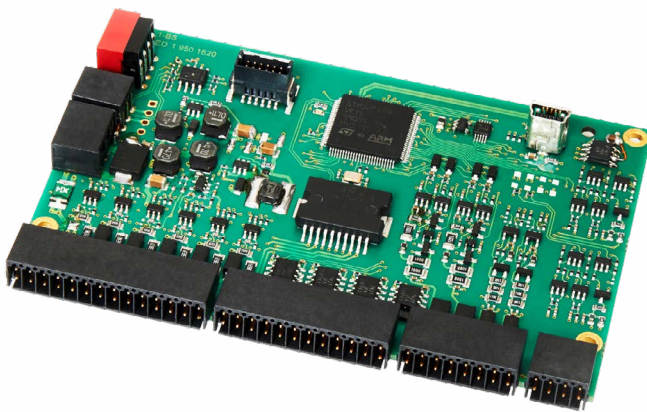
Automation-Line



Ultra compact multifunctional I/O Module

- Compact I/O module
- Flexible connection via CAN bus
- Wide range of I/O channels
- Robust casing

FUNCTION		STANDARD
COMMUNICATION	CPU	CAN up to 1MBit/s
INPUTS AND OUTPUTS	DIGITAL INPUTS DIGITAL OUTPUTS ANALOG INPUTS ANALOG OUTPUTS PT100	12x DIN 24 V DC $\pm 15\%$ / 6 mA, of which 2 inputs as 32 Bit counter usable, up to 100 kHz 12x DOUT 24 V, of which 4x PWM, max. 24 kHz, 0,8 A 4x analog IN, 0...10V, 0...20 mA, 12 bit resolution 4x analog OUT, 0...10V, 12 Bit resolution 2x PT100, 2-4 wire connector, resolution $\pm 0,5$ °C from -40 °C... $+125$ °C
OTHER	POWER SUPPLY CURRENT CONSUMPTION/POWER TEMPERATURE RANGE HUMIDITY HOUSING DIMENSIONS (w x h x d) FORM FACTOR EMC STABILITY PROTECTION CLASS ACCESSORIES PLUG SET	24 V DC $\pm 15\%$ 60 mA bis 5,5 A / < 125 W (dependent on I/O configuration) 0 °C... $+55$ °C 95 %, condensation-free Stainless steel housing 110,5 x 24,8 x 75,5 mm for mounting on 35 mm mounting rail acc.to EN 60715 EN 61000-6-2 / EN 61000-6-4 IP20 AC Connector set AL CAN-IO 12/12/4/4



Product Highlights

The Internet of Things (IoT) is the buzzword of the day, and it's all about communication. However, the data you need to transport are generated at the interface between the analog and the digital worlds. Therefore we still have to rely on traditional I/O functions in the digital age. Our CAN bus-controlled I/O assembly offers you a compact, high-performing assembly that can handle a wide range of tasks.

The assembly comes with 34 integrated channels (12 digital inputs and outputs each, 4 analog inputs and outputs each,

as well as 2 temperature inputs). Should you need more than that one day, you can easily add further modules (up to 15) and connect them via CAN bus. 2 input channels each can be used as high-speed counter inputs and/or 4 outputs as PWM channels. All channels are provided as industry-compliant connectors with cage clamps.

Realize your automation and IoT solutions with this ultra-compact, multifunctional module!

Client Benefits

- Small, compact construction
- Flexible assembly – top-hat rail, piggyback on CPU or open frame
- Multifunctional module for a wide range of tasks
- Optional custom firmware

Applications

- IoT
- Mechanical engineering
- Device technology
- Drive control (counter/PWM)
- Temperature control (PT100)
- Building automation



About Kontron

Kontron AG is a leading IoT technology company. For more than 20 years, Kontron has been supporting companies from a wide range of industries to achieve their business goals with intelligent solutions. From automated industrial operations, smarter and safer transport to advanced communications, connectivity, medical, and energy solutions, the company delivers technologies that add value for its customers. With the acquisition of Katek SE in early 2024, Kontron significantly strengthens its portfolio with the new GreenTec division, focusing on solar energy and eMobility, and grows to around 8,000 employees in over 20 countries worldwide. Kontron is listed on the SDAX® and TecDAX® of the German Stock Exchange.

For more information, please visit: www.kontron.com

About Kontron Electronics

Kontron Electronics GmbH is a full-service provider in the field of electronics, development and manufacturing services. Our business portfolio includes proprietary and client-specific products, development and design services for complex electronics components, modules and systems, as well as production and assembly services for entire devices. The company is part of the technology corporation Kontron AG.

For more information please visit: www.kontron-electronics.com

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