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dedication **+** innovation
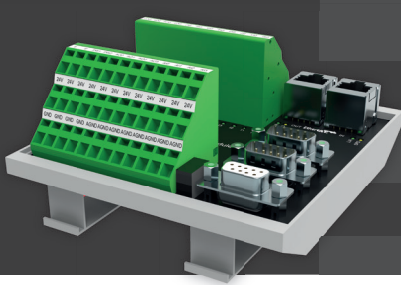

MADE SWISS

EtherCAT® I/O.

Your choice for flexible EtherCAT® I/O Interface demands.

The BRUNNER EtherCAT® I/O is part of our EtherCAT® product portfolio. It is a multi-purpose I/O module that provides a wide range of interfacing features in a very compact and easy to mount case.

BRUNNER EtherCAT® I/O enables fast and easy connection and integration of digital and analogue I/O signals from switches, sensors, actuators etc. to an EtherCAT® network at a competitive price point. Beside standard I/O functionality, the device also provides serial ports and a CAN interface. The Encoder Interface with various counting modes and the PWM outputs for driving an external power stage are further powerful features.

These interfaces comply with the EtherCAT® Modular Device Profile Standard. Further, CoE (CAN application protocol over EtherCAT®) and Distributed Clocks are supported.

EtherCAT® I/O is designed to simplify the cabling efforts by providing easy push-in connectors for I/O and power. Transmitting digitalized I/O data over EtherCAT® networks reduces complexity and costs for the installation of control and signal wiring. Its robust industrial design and snap-on mounting capability on various top hat DIN rails allow the fast and easy mounting and connection of the device directly at the signal source.

ENDURING   SUSTAINABLE   FAIR   ATTENTIVE   OBJECTIVE   HOLISTIC   INNOVATIVE   ENDURING   SUSTAINABLE   FAIR   ATTENTIVE   OBJECTIVE   HOLISTIC

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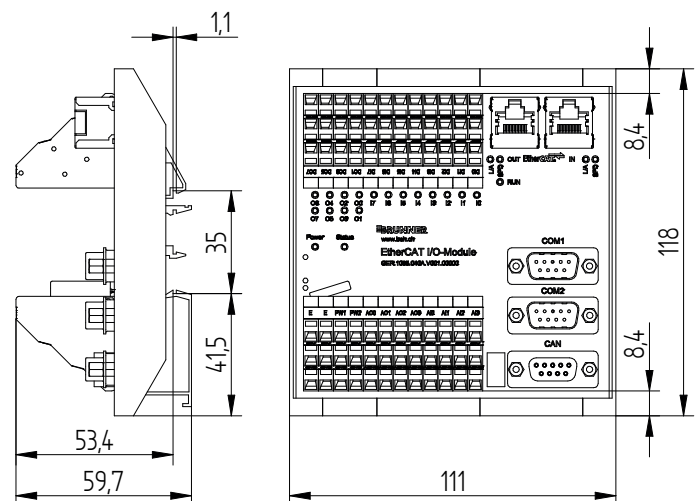dedication + innovation

EtherCAT® I/O.

Features.

- Multi-purpose EtherCAT® I/O Device
- CoE (PDO, SDO) supported
- EtherCAT® Modular Device Profile
  (ETG.5001.1 v0.1.1, ETG.5001.3 v0.1.1).
- Distributed clocks supported
- Analog and Digital In- and Outputs
- PWM Outputs
- Serial Ports (RS232, RS422, RS485)
- CAN interface up to 1Mbps

- Incremental Encoder Interface with various counting modes
- Easy and fast cabling through push-in connectors
- LED indication of DIN and DOUT states
- Snap-on mounting on various top hat DIN rails
- Low power consumption
- Software update via EtherCAT®
- Swiss Made
- 2 Years Warranty

Specification.

Input Voltage	15-30 VDC
Communication	EtherCAT® 2 Ports (RJ45), 1x CAN 2.0A/B, ISO 11898 (DSub9) 2x Serial Ports, EIA/TIA-232, EIA/TIA-422, EIA/TIA-485 (DSub9)
Interface	8x Digital Inputs (24 V, optional 5 V) 8x Digital Outputs (24 V, 2.6 A @ 1 Ch, 5.3 A @ 4 CH) 4x Analog Inputs (-10 V … 10 V, 12 Bit) 4x Analog Outputs (0 V … 10 V, 12 Bit) 2x PWM outputs (24 V, 150 mA) 2x Inc. Encoder Inputs (A/B/Z) (WAGO 737-112)
Mounting	Top hat DIN rail snap-on mounting 35 x 15 mm (EN 50022), 35 x 7.5 mm (EN 50022) and 15 x 5 mm (EN 50045) DIN
Size	111 x 118 x 54.5 mm 4.4 x 4.7 x 21.5 in
Weight	290 g / 0.64 lb

Dimensions.

EtherCAT®

CANopen®

EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

RS232

ENDURING SUSTAINABLE FAIR ATTENTIVE OBJECTIVE HOLISTIC INNOVATIVE ENDURING SUSTAINABLE FAIR ATTENTIVE OBJECTIVE HOLISTIC