



# CAN-CBX-AO412

4 Analog Outputs, Resolution 12 Bit

- 4 analog outputs
- Resolution 12 bit
- $\pm 10$  V output voltage range
- InRailBus

## Analog Inputs

The CAN-CBX-AO412 module is equipped with a D/A-converter that offers four analog output channels with a resolution of 12 bit.

## Compact I/O Module

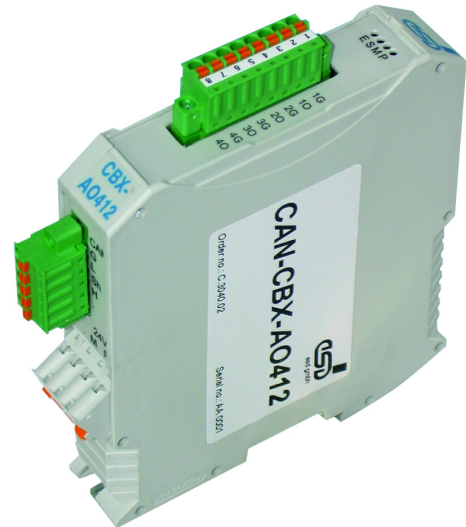
The CAN-CBX module series with InRailBus provides industry compatible CAN bus in-/output modules in combination with service-friendly 'wiring' of CAN bus and supply voltage.

## InRailBus

The power supply and the CAN bus signals are applicable through the InRailBus connector (TBUS-connector) integrated in the mounting rail or separately via the clamp connection. From the InRailBus individual modules are removable without interrupting the bus signals.

## LED Display

Four LEDs indicate the input state and the CANopen node state.



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For further information please visit  
<http://www.esd-electronics-usa.com/CAN IO Series digital I-Os analog I-Os Relay Outputs Serial I-Os Stepper Motor.html>

## CAN Interface

The CAN interface is fully ISO11898 compliant with bit rates up to 1 Mbit/s and is opto-isolated. The CANopen-node number and the CAN-bit rate can be easily set via coding switches at the top side of the module.

## Software Support

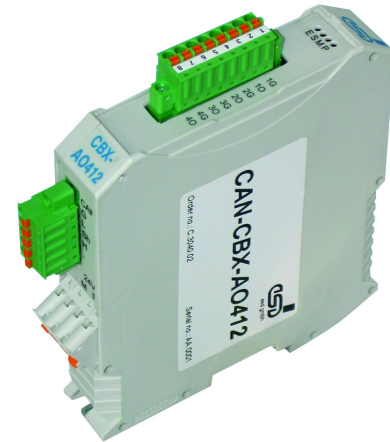
The module comes with CANopen firmware according to CiADS-301 and with a CANopen I/O-profile according to CiADS 401.

growing with the  
challenge

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### Technical Specifications

Process coupling	
Number of outputs	4 analog outputs
Resolution	12 bits
Output range	$\pm 10$ V
CAN, Microcontroller	
Microcontroller	MB90F497, CAN 2.0A/B
CAN interface	Acc. to ISO11898, differential, opto-isolated, bit rate up to 1 Mbit/s
Protocol	CANopen DS-301, DS-401
General	
Ambient temp	-20 ... +70o C
Power supply	Nominal 24 VDC
Dimensions	22 x 112 x 113 mm
Connectors	Power: Phoenix MSTB02,5/4-G1LKMGY, CAN - Phoenix MC1,5/5-GF-3.81, Analog - Phoenix MC1,5/8-G-3,81-AU

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### Order information

Designation		order no.
CAN-CBX-AO412	4 analog outputs 12 bit	C.3040.02

