

# CAN-CBX-AO412

## 4 Analog Outputs, Resolution 12 Bit

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

### Analog Outputs

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 can be applied via the InRailBus connector (TBUS-connector) integrated in the



mounting rail or separately via the clamp-connection.

From the InRailBus individual modules can be removed without interrupting the bus signals.

### CAN Interface

The CAN interface is designed according to ISO11898 with electrical isolation and bit rates up to 1 Mbit/s.

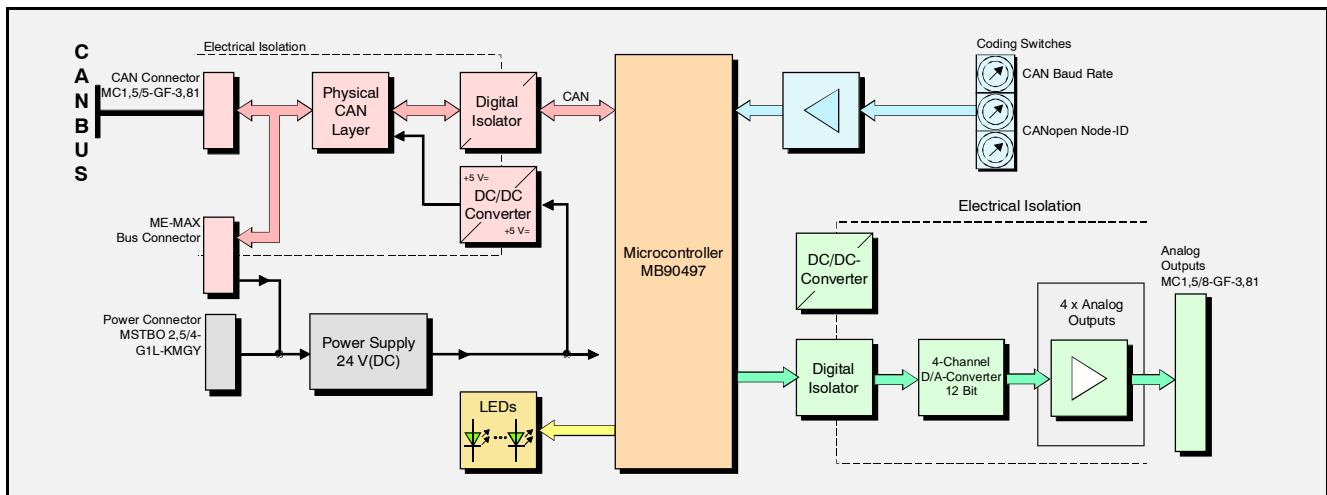
The CANopen-node number and the CAN-bit rate can be easily set via coding switches at the top side of the module.

### LED Display

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

### Software Support

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



### Technical Specifications:

<b>Process coupling:</b>	
Number of outputs:	4 analog outputs
Resolution:	12 bits
Output range:	$\pm 10$ V
<b>CAN, Microcontroller:</b>	
Microcontroller:	MB90F497, CAN 2.0A/B
CAN interface:	acc. to ISO11898, differential, electrically isolated, bit rate up to 1 Mbit/s
Protocol	CANopen DS-301, DS-401

<b>General:</b>	
Ambient temp.:	-20 ... 70 °C
Power supply:	nominal 24 VDC
Dimensions:	22 x 112 x 113 mm
Connectors:	Power: Phoenix MSTBO2,5/4-G1LKMGY CAN: Phoenix MC1,5/5-GF-3.81 Analog: Phoenix MC1,5/8-G-3,81-AU
<b>Order information:</b>	
Designation	order no.
CAN-CBX-AO412 4 analog outputs 12 bit	C.3040.02