

CAN controller components



CAN I/O module 16/16

CAN I/O module 8/12 - 4/1

General

Both isel CANopen I/O modules provide an entry level into the world of modern industrial automation. They enable installation on site or in a cabinet.

A 24V DC power supply, galvanic isolation of the inputs and outputs and the terminals available directly on the module provide a great range of operating possibilities.

Connection via plug-in terminals and the status display assigned directly to the connection make for particularly user-friendly installation and servicing.

Technical specification

| | CAN I/O module 16/16 | CAN I/O module 8/12 -4/1 |
|---------------------|--|---|
| Digital inputs | 16 via optical coupler (Input current approx. 8 mA) | 8 via optical coupler (Input current approx. 8 mA) |
| Digital outputs | 16 8 × relays, I _{max} < 5A 8 × electronically, I _{max} < 350 mA | 12 4 × relays, I _{max} < 5A 8 × electronically, I _{max} < 350 mA |
| Analogue output | 1 0V - 10V via 8-bit D/A converter <small>(when using the analogue output, the electronic outputs are no longer available for use)</small> | 1 0V - 10V via 8-bit D/A converter |
| Analogue input | -- | 4 0V - 10V, 10-bit resolution |
| Protection class | IP20 | |
| Supply voltage | 24V DC (logic voltage), 24V DC (process voltage), | |
| Power consumption | 160 mA (logic and relays) <small>I_{load} is dependent on the external wiring</small> | |
| Ambient temperature | -5°C to +40 °C | |
| Storage temperature | -25°C to +70 °C | |
| Relative humidity | max 95 % | |
| Protection class | IP20 | |
| Weight | 260 g | |
| Casing size | 85 × 180 × 28 mm (W × H × D) | |
| Part no. | 321002 | 321004 |

Features

CAN I/O module 16/16

- 16 digital inputs via optical coupler (input current approx. 8 mA)
- 16 digital outputs, 8 × relays, I_{max} < 5A, 8 × electronically, I_{max} < 350 mA (thermal protection, short circuit protection)
- One analogue output, 0 V - 10 V via 8-bit D/A converter (users of an analogue output can no longer use the electronic outputs)

CAN I/O module 8/12 - 4/1

- 8 digital inputs via optical coupler (Input current approx. 8 mA)
- 12 digital outputs, 4 × relays, I_{max} < 5A, 8 × electronic, I_{max} < 350 mA (thermal protection, short circuit protection)
- One analogue output, 0 V - 10 V via 8-bit D/A converter
- 4 analogue outputs, 0 V - 10 V 10-bit resolution

Technical specifications subject to change.