

# CAN I/O SLAVE MODULE

PART NO. CES31



## GENERAL OPERATION

The CES31 is developed for use in harsh environments. It has 31 multifunctional I/O ports, which means they can either be digital inputs or digital outputs.

For safety applications, there is a possibility to break the supply voltage to the outputs through a digital input. The CANopen protocol is standard, other customized CAN protocols are available on request.

- 31 Digital outputs 3A or Digital inputs
- 1 Digital power supply output 7A
- 3 Analog inputs 0-20mA 10bit

## PRODUCT OVERVIEW

Pre-set at 1VDC.

This setting can be configured to sense voltages from 1 to 24VDC by CAED on request.

- Designed to withstand vibrations and extreme weather conditions (IP67)
- Dimensions: 127x162x44mm. Mounting hole diameter: 4mm

## **Communication**

- Supports CAN 2.0A and 2.0B with bus speed up to 1Mbit/s
- Software configurable CAN-termination of 120ohm

## **Technical data**

- Can be driven from 9-32Vdc power supply
- Designed for use in vehicles and mobile machinery
- 31 general input/outputs with the capability to drive up to 3.5A @ 32Vdc per channel (On/Off)
- 3 Analog current inputs, 0-23mA
- 45 LEDs for I/O monitoring status and error indication
- Built in over-current/over-voltage protection on all ports
- Module temperature and supply voltage surveillance

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