

ELCO25 PLC

ELCO25 is an open source PLC. It is the perfect compromise between compact size and big input and output number. It combines the flexibility and open-source nature with the safety and reliability of industrial grade PLCs.

- EN61010-1 / EN61010-2 / CE Compliance
- DIN-rail housing
- 12x 24V Digital Inputs
- 4x PNP Outputs up to 60V
- 4x Analog Input 0V- 10V
- 3x Encoder Inputs
- Ethernet RJ45, 10/100Mbps
- 1x CAN(Optional), 1x RS232, 1x RS485

Rating: Not Rated Yet

Price

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Description

ELCO25 is an open source PLC. It is the perfect compromise between compact size and big input and output number. It combines the flexibility and open-source nature with the safety and reliability of industrial grade PLCs.

The Board is a low cost, feature rich industrial controller platform that can serve as a foundation for many applications within the IoT, industrial automation and Industry 4.0 fields. The controller is composed of a high performance microcontroller, power regulations, transceivers and other core functions required to bring up the microprocessor. Analog peripherals such as 24V power input, buttons, connectors, signal breakout and industrial IOs are surrounding the microcontroller.

Housed in a DIN-rail housing, the industrial controller ELCO25 can be seamlessly expanded by a variety of suitable I/O modules and fieldbus gateways. The 24V powered modules are connected via an overhead connector in seconds and can be easily configured.

ELCO25 has been designed with highest industry & electronic safety standards in mind. You can safely and reliably apply our module into a production environment.

Features

Standards Compliance:
Mounting:

ELCO25

EN61010-1 / EN61010-2 / CE
Top hat rail

Features

Supply voltage:	24 V \pm 10% with Filter + Polarity Protection
Ethernet:	RJ45, 10/100Mbps
Digital Inputs Galvanic Insulation 24V:	12
Digital Outputs Galvanic Insulation 24V:	4x PNP Outputs up to 60V
Analog Input 0V- 10V:	4
Peripherals:	1x CAN(Optional), 1x RS232, 1x RS485
PIN Header 3,3V:	SPI, up to 5xUART, I2C, Reset,+3,3 V, GPIOs, PWMs, GND etc.
RTC:	1
Encoder Inputs:	3

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Reviews

There are yet no reviews for this product.