



**BLACK  
CURRANT**

**LE ELECTRONICS Pvt. Ltd.**

**Product name: *MODBus I/O Card***



***(22.5 mm I/O Card with MODBus)***

**Features:**

- Modbus RTU Protocol
- RS-485 serial communications interface.
- 12-bit output resolution.
- 16 bit measurement resolution.
- 35 mm Din rail mounting.
- Analog output ranges: 0-1V,  $\pm 1V$ , 0-5V,  $\pm 5V$ , 0-10V,  $\pm 10V$ , 0-20mA, 4-20mA.

**Types of I/O.**

- 8 Channel Analog Inputs.
- 16 Channel Analog Inputs.
- 8 Channel Analog Output.

- 16 Channel Analog Output.
- 8 Channel Digital Inputs.
- 16 Channel Digital Inputs.
- 8 Channel Digital Output.
- 16 Channel Digital Output.
- 8 Channel Analog Input with 8 Channel Analog Output.
- 8 Channel Digital Input with 8 Channel Digital Output.

**Technical Specification.**

**Supply Voltage :** 12 VDC to 30 VDC.  
**Voltage output Range :** 0-1V, 0-5V, 0-10V, +/-1V, +/-5V, +/-10V.  
**Current Output Range :** 0-20mA, 4-20mA.  
**No of Analog Channel:** 8, 16.  
**No of Relay Output:** 8, 16.  
**Communications:** Modbus RTU protocol.  
**Interface:** RS-485 Serial port.  
**Selectable baud rates:** 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200.

**Temperature Range:** Operating -25°C to +70°C.

Storage -25°C to +85°C.

**Relative Humidity:** 0 to 95% non condensing.

**APPLICATIONS**

- Motion control
- Motor speed control
- Robotic welding control
- Interfaces to modems
- Programmable analog source for product test
- Process monitoring and control
- Product testing
- Direct connection to modems
- Remote data logging to any host computer
- Direct connection to PLC.

**Dimensions (L x B x H mm):**

120mm, 22.5 mm, 100mm Approximately.

**Contact:**



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