

Item no.: 387681

## IOLOGIK E2242-T - Universal controller, 4 AIs, 12 DIOs, ClickGo, -40 to 75C operating temperature

from **641,45 EUR**

Item no.: 387681  
shipping weight: 0.30 kg  
Manufacturer: MOXA



### Product Description

Universal controller, 4 AIs, 12 DIOs, Click&Go, -40 to 75°C operating temperature Control logic Language- Click&Go Input/output interface Configurable DIO channels (via software)- 12 Analogue input channels- 4 Buttons- Reset button Rotary switch- 0 to 9 Isolation- 3k VDC or 2k Vrms Digital outputs Connector- Screwable Euroblock terminal I/O type- sink I/O mode- DO or pulse output Rated current- 200 mA per channel Pulse output frequency- 1 kHz DIO output leakage current- 4.0 mA @ 24 VDC Overcurrent protection- 0.65 A per channel @ 25°C Overtemperature shutdown- 175°C (min.) Overvoltage protection- 45 VDC (typical) Analogue inputs Connection- Screwable Euroblock terminal I/O mode- Voltage/current I/O type- Differential Differential Resolution- 16 bits Input range- 0 to 150 mV- ±500 mV- 0 to 500 mV- ±5 V- ±10 V- 0 to 20 mA- 4 to 20 mA Accuracy- ±0.1% FSR @ 25°C- ±0.3% FSR @ -10 to 60°C- ±0.5% FSR @ -40 to 75°C Sampling rate- All channels: 32 samples/sec.- Per channel: 8 samples/sec. Per channel: 8 samples/sec.- Single channel: 100 samples/sec Built-in resistor for current input- 120 Ohm Input impedance- 200 Kilo-Ohm (min.) Overvoltage protection- -25 to +30 VDC (power on)- -35 to +35 VDC (power off) LED interface LED indicators- PWR, RDY, Serial, I/O status Ethernet interface 10/100 BaseT(X) ports (RJ45 connector)- 1 Magnetic isolation protection- 1.5 kV (built-in) Ethernet software features Configuration options- Windows Utility (ioAdmin), Web Console (HTTP) Industrial protocols- Modbus TCP Server (Slave), SNMPv1/v2c/v3, SNMPv1 Trap, Moxa AOPC (Active Tag), MXIO Library, CGI commands Management- BOOTP, IPv4, SMTP, DHCP Client, HTTP, TCP/IP MIB- Device settings MIB Time management- SNTPS Security functions Authentication- Local database Encryption- HMAC Security protocols- SNMPv3 Modbus TCP Supported functions- 1, 2, 3, 4, 5, 6, 15, 16 Mode- Server (slave) Serial interface Connection- Terminal block Serial standards- RS-485 Number of ports- 1 Baud rate- 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps Parity- None Data bits- 8 Stop bits- 1 Flow control- None Serial signals RS-485-2w- Data+, Data-, GND Serial software functions Industrial protocols- Modbus RTU Master Platform Real-time clock (RTC)- Real-time clock with battery backup Power parameters Power connection- Screwable Euroblock terminal Screwable Euroblock terminal Number of current inputs- 1 Input voltage- 12 to 36 VDC Current consumption- 178 mA @ 24 VDC Physical properties Dimensions- 115 x 79 x 45.6 mm (4.53 x 3.11 x 1.80 in) Weight- 250 g (0.55 lb) Installation- DIN rail mounting, wall mounting Wiring- I/O cable, 16 to 26 AWG- Power cable, 16 to 26 AWG Housing- Plastic Ambient conditions Operating temperature- -40 to 75°C (-40 to 167°F) Storage temperature (including packaging)- -40 to 85°C (-40 to 185°F) Relative humidity- 5 to 95% (non-condensing) Altitude- 2000 m Standards and certifications Safety- UL 508 EMC- EN 61000-6-2/-6-4 EMI- CISPR 32, FCC Part 15B Class A EMS- IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m- IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV- IEC 61000-4-5 Surge: Power: 1 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFM Shock- IEC 60068-2-27 Vibration- IEC 60068-2-6 Free fall- IEC 60068-2-32 Declaration Environmentally friendly product- RoHS, CRoHS, WEEE MTBF Time- 204.391 hrs Standards- Telcordia SR332

### Specifications

Scan this QR code to view the product  
All details, up-to-date prices and availability

