

Item no.: 387678

## IOLOGIK E2240 - Universal controller, 8 AIs, 2 AOs, ClickGo, -10 to 60C operating temperature

from **480,43 EUR**

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shipping weight: 0.30 kg  
Manufacturer: MOXA



### Product Description

Our universal controllers and I/O products use Click&Go control logic, which incorporates our active monitoring technology and support for a versatile range of OT/IT protocols to enable you to easily configure, deploy and realise IIoT applications such as energy monitoring, plant monitoring and machine OEM applications. Universal controller, 8 AIs, 2 AOs, Click&Go, -10 to 60°C operating temperature Control logic Language- Click&Go Input/Output Interface Analogue input channels- 8 Analogue output channels- 2 Buttons- Reset button Rotary switch- 0 to 9 Isolation- 3k VDC or 2k Vrms Analogue inputs Connector- screw-type Euroblock terminal I/O mode- Voltage/current I/O type- Differential Resolution- 16 bit Input range-  $\pm 150$  mV-  $\pm 500$  mV-  $\pm 5$  V-  $\pm 10$  V- 0 to 20 mA- 4 to 20 mA Accuracy-  $\pm 0.1\%$  FSR @ 25°C-  $\pm 0.3\%$  FSR @ -10 to 60°C Sampling rate- All channels: 10 samples/sec. for voltage; 6 samples/sec. for current- Per channel: 1.25 samples/sec. for voltage; 0.75 samples/sec. for current- Single channel: 1.25 samples/sec. for voltage; 0.75 samples/sec. for current Built-in resistor for current input- 120 Ohm Input impedance- 900 Kilo-Ohm (min.) Analogue outputs Connection- Screwable Euroblock terminal I/O mode- Voltage/current Output range- 0 to 10 VDC- 4 to 20 mA Resolution- 12 bit Accuracy-  $\pm 0.1\%$  FSR @ 25°C-  $\pm 0.3\%$  FSR @ -10 to 60°C Load (current mode)- Internal power: 250 Ohm (max.) LED interface LED indicators- PWR, RDY, Serial, I/O status Ethernet interface 10/100 Base T(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- SNTP 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- 198 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- -10 to 60°C (14 to 140°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 PFMF 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- 155.941 hours Standards- Telcordia SR332

### Specifications

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prices and availability

