

Item no.: 387647

IOLOGIK 2542 - Universal controller, 4 AIs, 12 DIOs, ClickGo Plus, -10 to 60C operating temperature

from **640,70 EUR**

Item no.: 387647
shipping weight: 1.30 kg
Manufacturer: MOXA



Product Description

Universal controller, 4 AIs, 12 DIOs, Click&Go Plus, -10 to 60°C operating temperature
Memory microSD slot- Up to 32 GB (SD 2.0 compatible)- Note: Industrial-grade microSD cards suitable for wide temperature ranges are required for devices that are operated in extreme temperatures.
Control logic Language- Click&Go Plus
Input/output interface Configurable DIO channels (via software)- 12 analogue input channels- 4 buttons- Reset button
Isolation- 3k VDC or 2k Vrms
Digital inputs Connection- Screwable Euroblock terminal
Sensor type- Dry contact- Wet contact (NPN or PNP)
I/O mode- DI or event counter
Dry contact- On: Short circuit to GND- Off: open
Wet contact (DI to COM)- On: 10 to 30 VDC- Off: 0 to 3 VDC
Counter frequency- 2.5 kHz
Time interval for digital filtering- Software configurable
Points per COM- 6 channels
Digital outputs Connection- Screwable Euroblock terminal
I/O type- Sink/I/O mode- DO or pulse output
Rated current- 500 mA per channel
Pulse output frequency- 5 kHz (max.)
DIO output leakage current- < 1 mA @ 30 VDC
Overcurrent protection- 1.5 A per channel @ 25°C
Overtemperature shutdown- 175°C (typical), 150°C (min.)
Overvoltage protection- 45 VDC (typical)
Analogue inputs Connection- Screwable Euroblock terminal
I/O mode- Voltage/current/I/O type- Differential
Resolution- 16 bits
Input range- ±10 VDC- 0 to 10 VDC- 0 to 20 mA- 4 to 20 mA- 4 to 20 mA (with burn-out detection)
Accuracy- ±0.1% FSR @ 25°C- ±0.3% FSR @ -10 to 60°C
Sampling rate- All channels: 400 samples/sec.- Per channel: 100 samples/sec.
Per channel: 100 samples/s
Built-in resistor for current input- 120 Ohm
Input impedance- 1 Mega-Ohm (min.)
Overvoltage protection- -25 to +30 VDC (power on)- -35 to +35 VDC (power off)
Ethernet interface 10/100 Base T(X) ports (RJ45 connector)- 4, 1 MAC address
Magnetic isolation protection- 1.5 kV (built-in)
Ethernet software functions Configuration options- Web console (HTTP/HTTPS)- Windows utility (IOxpress)
Industrial protocols- CGI commands- Modbus TCP client (master) Modbus TCP Client (Master)- Modbus TCP Server (Slave)- Moxa AOPC (Active Tag)- MXIO Library- RESTful API- SNMPv1/v2c/v3- SNMPv1/v2c
Trap Management- BOOTP, IPv4, SMTP, TCP/IP, DHCP client
MIB- Device settings
MIB Security- HTTPS/SSL
Time management- SNT
LED interface
LED indicators- PWR, RDY, serial port (P1, P2), Ethernet port (L1 to L4), I/O channel status (0 to 15)
Serial interface
Baud rate- 300, 1200, 1800, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200 bps
Connection- 8-pin RJ45
Data bits- 5, 6, 7, 8
Flow control- None- RTS/CTS- XON/XOFF
Number of ports- 2
Parity- None- Even- Odd
Serial standards- RS-232- RS-422- RS-485
Stop bits- 1, 2
Serial signals- RS-232- Tx, Rx, DSR, DTR, DCD, GND
RS-422- Tx+, Tx-, Rx+, Rx-, GND
RS-485- 2w- Data+, Data-, GND
RS-485- 4w- Tx+, Tx-, Rx+, Rx-, GND
Serial software functions
Industrial protocols- Modbus RTU
Master Platform
Real-time clock (RTC)- Real-time clock with capacitor buffer
Power parameters
Power connection- Screwable Euroblock terminal
Number of current inputs- 1
Input voltage- 12 to 48 VDC
Current consumption- 281 mA @ 24 VDC- 589 mA @ 12 VDC- 144 mA @ 48 VDC
Physical properties
Housing- Metall
IP protection class- IP30
Dimensions- 61 x 157 x 115 mm (2.4 x 6.18 x 4.53 in)- Weight 1,265 g (2.79 lb)
Installation- DIN rail mounting- Wall mounting (with optional kit)
Cabling- I/O cable, 16 to 26 AWG- Power cable, 12 to 24 AWG
Environmental 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
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: 1 kV; Signal: 0.5 kV- IEC 61000-4-5 Surge: Power: 1 kV- IEC 61000-4-6 CS: 3 V- IEC 61000-4-8 PFMF
Vibration- IEC 60068-2-6
Shock- IEC 60068-2-27
Free fall- IEC 60068-2-32
Hazardous areas- ATEX- Class 1 Division 2
Class 1 Division 2
Safety- UL 508
Radio- EN 301 489-1/17
Radio frequency- EN 301 908- EN 301 489-24- EN 301 511
Declaration
Environmentally friendly product- RoHS, CrOHS, WEEE
MTBF Time- 375.439 hours
Standards- Telcordia SR332

Specifications

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

