

Item no.: 387648

## IOLOGIK 2542-T - Universal controller, 4 AIs, 12 DIOs, ClickGo Plus, -40 to 75C operating tempera

from **743,35 EUR**

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shipping weight: 1.30 kg  
Manufacturer: MOXA



### Product Description

Universal controller, 4 AIs, 12 DIOs, Click&Go Plus, -40 to 75°C operating temperature Memory microSD Slot- Up to 32 GB (SD 2.0 compatible)- Note: For units operating in extreme temperatures, industrial-grade, wide-temperature microSD cards are required. Control Logic Language- Click&Go Plus Input/Output Interface Configurable DIO Channels (by software)- 12 Analog Input Channels- 4 Buttons- Reset button Isolation- 3k VDC or 2k Vrms Digital Inputs Connector- Screw-fastened Euroblock terminal Sensor Type- Dry contact- Wet contact (NPN or PNP) I/O Mode- DI or event counter Dry Contact- On: short to GND- Off: open Wet Contact (DI to COM)- On: 10 to 30 VDC- Off: 0 to 3 VDC Counter Frequency- 2.5 kHz Digital Filtering Time Interval- Software configurable Points per COM- 6 channels Digital Outputs Connector- Screw-fastened Euroblock terminal I/O Type- Sink/I/O Mode- DO or pulse output Current Rating- 500 mA per channel Pulse Output Frequency- 5 kHz (max.) DIO Output Leakage Current- < 1 mA @ 30 VDC Over-Current Protection- 1.5 A per channel @ 25°C Over-Temperature Shutdown- 175°C (typical), 150°C (min.) Over-Voltage Protection- 45 VDC (typical) Analog Inputs Connector- Screw-fastened 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- ±0.5% FSR @ -40 to 75°C Sampling Rate- All channels: 400 samples/sec- Per channel: 100 samples/sec Built-in Resistor for Current Input- 120 ohms Input Impedance- 1 mega-ohms (min.) Over-Voltage 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 Features Configuration Options- Web Console (HTTP/HTTPS)- Windows Utility (IOxpress) Industrial Protocols- CGI commands- 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- SNTPLED Interface LED Indicators- PWR, RDY, Serial port (P1, P2), Ethernet port (L1 to L4), I/O Channel Status (0 to 15) Serial Interface Baudrate- 300, 1200, 1800, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200 bps Connector- 8-pin RJ45 Data Bits- 5, 6, 7, 8 Flow Control- None- RTS/CTS- XON/XOFF No. 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, D, RTS, CTS, DTR, DSR, 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 Features Industrial Protocols- Modbus RTU Master Platform Real-time Clock (RTC)- Real-time clock with capacitor backup Power Parameters Power Connector- Screw-fastened Euroblock terminal No. of Power Inputs- 1 Input Voltage- 12 to 48 VDC Power Consumption- 281 mA @ 24 VDC- 589 mA @ 12 VDC- 144 mA @ 48 VDC Physical Characteristics Housing- Metall IP Rating- 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) Wiring- I/O cable, 16 to 26 AWG- Power cable, 12 to 24 AWG Environmental Limits Operating Temperature- -40 to 75°C (-40 to 167°F) Storage Temperature (package included)- -40 to 85°C (-40 to 185°F) Ambient 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 Freefall- IEC 60068-2-32 Hazardous Locations- ATEX- Class I Division 2 Safety- UL 508 Radio- EN 301 489-1/17 Radio Frequency- EN 301 908- EN 301 489-24- EN 301 511 Declaration Green Product- RoHS, CrRoHS, WEEE MTBF Time- 375,439 hrs Standards- Telcordia SR332

### Specifications

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prices and availability

