

Item no.: 387646

## IOLOGIK 2512-T - Universal controller, 8 DIs, 8 DIOs, ClickGo Plus, -40 to 75C operating temperature

from **595,12 EUR**

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shipping weight: 1.30 kg  
Manufacturer: MOXA



### Product Description

Our universal controllers and I/O products utilise Click&Go control logic, which includes our active monitoring technology and support for a versatile range of OT/IT protocols to help you easily configure, deploy and realise IIoT applications such as energy monitoring, asset monitoring and machine OEM applications. Universal controller, 8 DIs, 8 DIOs, Click&Go Plus, -40 to 75 °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 operating in extreme temperatures. Control logic/Language- Click&Go Plus. Input/output interface/Digital input channels- 8/Configurable DIO channels (via software)- 8/Buttons- Reset button/Isolation- 3k VDC or 2k VDC 3k VDC or 2k Vrms/Digital inputs/Connector- 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- 8 channels/Digital outputs/Connection- Screwable Euroblock terminal/I/O type- Sink/I/O mode- DO or pulse output/Nominal 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)/Ethernet interface/10/100BaseT(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+, 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 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- 254 mA @ 24 VDC- 529 mA @ 12 VDC- 133 mA @ 48 VDC/Physical properties/Housing- Metall/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- -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/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 PFM/Vibration- IEC 60068-2-6/Shock- IEC 60068-2-27/Free fall- IEC 60068-2-32/Hazardous areas- 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/Environmentally friendly product- RoHS, CRoHS, WEEE/MTBF/Time- 467.032 hours/Standards- Telcordia SR332

### Specifications

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

