

Item no.: 387656

## IOLOGIK E1213-T - Universal IO, 8 DIs, 4 DOs, 4 DIOs, -40 to 75C Operating temperature

from **308,78 EUR**

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shipping weight: 0.30 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, so you can easily configure, deploy and implement IIoT applications such as energy monitoring, plant monitoring and machine OEM applications. Universal I/O, 8 DIs, 4 DOs, 4 DIOs, -40 to 75°C operating temperature

Input/Output Interface  
Digital input channels- 8  
Digital output channels- 4  
Configurable DIO channels (via jumper)- 4  
Isolation- 3k VDC or 2k Vrms  
Buttons- Reset button  
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- 250 Hz  
Digital filter time interval- Software configurable  
Points per COM- 12 channels  
Digital outputs  
Connection- Screwable Euroblock terminal  
I/O type- Source/I/O mode- DO or pulse output  
Nominal current- 500 mA per channel  
Pulse output frequency- 500 Hz (max. overcurrent protection - 500 mA per channel)  
Overcurrent protection- 1.5 A per channel at 25°C  
Overtemperature shutdown- 175°C (typical), 150°C (min.)  
Overvoltage protection- 35 VDC  
Ethernet interface  
10/100Base(T) ports (RJ45 connector)- 2, 1 MAC address (Ethernet bypass)  
Magnetic isolation protection- 1.5 kV (built-in)  
Ethernet Software Features  
Configuration Options- Web Console (HTTP), Windows Utility (ioSearch), MCC Tool  
Industrial Protocols- Modbus TCP Server (Slave), Moxa AOPC (Active Tag), MXIO Library, EtherNet/IP Adapter  
Management- RESTful API, SNMPv1/v2c, SNMPv1 Trap, HTTP, DHCP Client, BOOTP, IPv4, TCP/IP, UDP  
MIB- Device settings  
MIB Security- Access control list  
Security functions  
Authentication- Local database  
LED interface  
LED indicators- Power, Ready, Port 1, Port 2  
Modbus TCP  
Supported functions- 1, 2, 3, 4, 5, 6, 15, 16, 23  
Mode- Server (Slave)  
Max. Max. number of client connections- 10  
EtherNet/IP  
Mode- Adapter  
Max. number of scanner connections - 10  
Max. number of scanner connections- 9 (for read-only), 1 (for read/write)  
Performance parameters  
Power connection- Screwable Euroblock terminal  
Number of power inputs- 1  
Input voltage- 12 to 36 VDC  
Power consumption- 130 mA @ 24 VDC  
Physical properties  
Housing- Plastic  
Dimensions- 27.8 x 124 x 84 mm (1.09 x 4.88 x 3.31 in)  
Weight- 200 g (0.44 lb)  
44 lb  
Installation- DIN rail mounting, wall mounting  
Cabling- I/O cable, 16 to 26 AWG- Power cable, 12 to 24 AWG  
Ambient conditions  
Operating temperature- -40 to 75°C (-40 to 167°F)  
Storage temperature (in packaging)- -40 to 85°C (-40 to 185°F)  
Relative humidity- 5 to 95% (non-condensing)  
Altitude- 4000 m  
Standards and certifications  
EMC- EN 55032/24, 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: 2 kV; Signal: 1 kV- IEC 61000-4-6  
CS: 10 V- IEC 61000-4-8  
PFMF  
Safety- UL 508  
Shock- IEC 60068-2-27  
Free fall- IEC 60068-2-32  
Vibration- IEC 60068-2-6  
Declaration  
Green Product- RoHS, CRoHS, WEEE  
MTBF  
Time- 715.256 hours  
Standards- Telcordia SR332

### Specifications

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

