

Item no.: 387657

## IOLOGIK E1214 - Universal IO, 6 DI, 6 relays, -10 to 60C Operating temperature

from **195,53 EUR**

Item no.: 387657  
 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, 6 DI, 6 relays, -10 to 60°C operating temperature. Input/Output Interface. Digital input channels- 6. Relay channels- 6. Isolation- 3k VDC or 2k Vrms. Buttons- Reset-Button. Digital inputs- 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- 6 channels. Relay Connection- Screwable Euroblock terminal. Type- Form A (N.O.) Power relay. I/O mode- Relay or pulse output. Pulse output frequency- 0.3 Hz at rated load (max.). Rated contact current- Resistive load: 5 A @ 30 VDC, 250 VAC, 110 VAC. Contact resistance- 100 milli-ohm (max.). Mechanical service life- 5,000,000 switching cycles. Electrical service life- 100,000 switching cycles @ 5 A resistive load. Breakdown voltage- 500 VAC. Initial insulation resistance- 1,000 mega-ohms (min.) @ 500 VDC. Note- The ambient humidity must not condense and must be between 5 and 95 %. The relays may malfunction if operated in environments with high condensation below 0°C. Ethernet interface. 10/100BaseT(X) ports (RJ45 connection)- 2, 1 MAC address (Ethernet bypass). Magnetic insulation 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, UDPMIB. 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- 188 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). Installation- DIN rail mounting, wall mounting. Cabling- I/O cable, 16 to 26 AWG- Power cable, 12 to 24 AWG. Ambient conditions. Operating temperature- -10 to 60°C (14 to 140°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. Hazardous areas- ATEX, Class I Division 2. Safety- UL 508. Shock- IEC 60068-2-27. Free fall- IEC 60068-2-32. Vibration- IEC 60068-2-6. Declaration. Environmentally friendly product- RoHS, CRoHS, WEEE. MTBF Time- 808,744 hours. Standards- Telcordia SR332.

### Specifications

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 prices and availability

