

Data sheet:




Web-IO 4.0 230V Relay 4xNO, 4xCO



Article no.: 57838

EUR 338.00

*Net price for commercial users

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Switch remotely...

Using the Web-IO 4.0 230V Relay 4xNO, 4xCO you can control [230V switching signals](#) via TCP/IP Ethernet. There are numerous Web and network services available for switching up to 6A with the eight integrated relays - even directly from the browser or from a smart phone. Using protocols such as [OPC UA](#), [MQTT](#) and [REST](#) the Web-IO is an ideal fit in the world of Industry 4.0 and the Internet of Things.

Properties

Switching signals:

- **8 switching outputs:**
 - 4 x potential-free normally open contacts for 230V mains
 - 4 x potential-free changeover contacts for 230V mains
 - Switching currents up to max. 6A

Connectivity:

- **Intuitive Web interface** for simpler operation
 - Select between German or English
 - Switching the outputs directly from the Web interface
 - Adaptation for smartphone
 - HTTP and HTTPS
- **Current Industry 4.0 protocols:**
 - OPC UA, REST and [MQTT](#) support
 - AMQP on request
- **Box-to-Box**
 - Pass switching signals over the network 1:1
- **Alarm and reporting functions:**
 - Email for alarm sending or as status report
 - SNMP polling / alarm traps
 - Switching your outputs in alarm situations
 - Switching the outputs on another Web-IO
 - HTTP requests for controlling third-party devices
 - Up to 30 actions can be configured
- **Dynamic integration into other Web sites:**
 - Direct access to the contacts via HTTP requests, AJAX and JavaScript
- **Additional software interfaces for incorporating into your systems/databases:**
 - OPC UA, OPC DA
 - Modbus TCP
 - Syslog
 - TCP and UDP sockets, client and server
 - HTTP, HTTPS, AJAX
 - FTP (data logging)
- **Internal clock**
 - Time synchronization via time server calibration
 - Battery-backed device clock
- **Possible applications:**
 - Cross-location switching
 - House and building automation
 - Light, gate and cabinet control
 - More uses can be found [here](#).

Power supply:

- **External power**
 - Screw terminal
 - 230V AC (50Hz)

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**

♥ Wish for something!
Your suggestions for improvement and additions

Technical data

Connections, displays and control elements:

Digital switching outputs: 4 x potential-free normally open contacts, max. 6A
4 x potential-free changeover contacts, max. 6A
Network: 10/100BaseT autosensing
Power supply: 230V AC (approx. 15mA@230V)
Galvanic isolation: Digital output to network: min. 1000 V
Adapters: 1 x 3x screw terminals for power
2 x 11x screw terminals for the outputs
1 x RJ45 for network
Indicators: Status LEDs for network
2 LEDs for switching states

Data transmission:

Protocols: HTTP and HTTPS
TCP and UDP sockets, client and server
MQTT - Publish and Subscribe
REST
SNMP including traps
SMTP e-mail sending
OPC server
Modbus TCP
Inventory keeping, group management
Response times: Data and switching traffic: typically 12 ms

Housing and other data:

Housing: Plastic housing for top hat rail installation
90x116x56 mm (LxWxH)
Enclosure rating: IP20
Weight: approx. 330 g
Storage temperature: -25°C - 70°C
Operating temperature: 0°C - 40°C
Permissible relative humidity: 5..95% RH (non-condensing)
Scope of delivery: 1 x Web-IO 4.0 230V Relay 4xNO, 4xCO
1 x Quick Guide
Power supply and other accessories can be ordered separately

Accessories

*Net unit price for commercial users

Mechanical Accessories

19" DIN rail	58813	21.00€	
Wall mount housing, enclosure rating IP66 / IP67	11120	54.00€	

Supplementary network products

Ethernet Switch Industry, 4 Port	55604	218.00€	
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Free Product CD

W&T Product CD (manual, tools & drivers)	10001	optional	
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* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



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