Data sheet:

Web-IO 12x Digital Input, 6x Digital Relay

Article no.: 57634

This article has been replaced by the expanded successor model Web-IO 4.0 Digital, 12xIn, 8xRelay Out.

Switch, monitor and count ...

With the Web-IO Digital you can control potential-free contacts via TCP/IP Ethernet and monitor switching signals. Numerous Web and network services are available for reporting changes on the inputs and outputs. Remote control over the internet requires in the simplest case just a browser or smartphone.

Properties

Switching signals:

- **12 switching inputs:**
  - Digital 24V inputs
  - 32-bit pulse counter
- **6 potential-free contacts:**
  - Switching voltage 12V, 24V, up to max. 48V (110V, 230V via coupling relays)
  - Switching current max. 5A

Connectivity:

- **Intuitive Web interface** for simpler operation
  - Select between German or English
  - Switching the outputs directly from the Web interface
  - Adaptation for smartphone
- **Time-controlled switching**
  - Switching times configured via online calendar
  - Switching times transferred as an iCal file (*.ics)
- **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
  - Configure up to 12 alarm messages
- **Dynamic integration into other Web sites:**
  - Direct access to current measurement values via AJAX, JavaScript and Java applet
- **Additional software interfaces for incorporating into your systems/databases:**
  - OPC
  - Modbus TCP
  - Syslog
  - TCP and UDP sockets, client and server
  - FTP (data logging)
- **Internal clock**
  - Time synchronization via time server calibration
  - Battery-backed device clock
- **Possible applications:**
  - Remote monitoring and fault messaging
  - Cross-location switching

- House and building automation
- Process monitoring and visualization
- Light, gate and cabinet control
- Machine Data Collection (MDC)
- More uses can be found here.

Power supply:

- **External**
  - Screw terminal
  - 12 - 24V DC

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**

Technical data:

Connections, displays and control elements:

Digital outputs:	6 potential-free relay contacts for 30V/5A DC (2A when using inductive load) for 48V/5A AC (2A when using inductive load) max. 1800 switching cycles per hour Using our coupling relays voltages of even up to 230V can be switched
Digital inputs:	12 x digital inputs, Max. input voltage +/-30 V Protected against polarity reversal within this range Switching threshold 8V +/- 1V "On" current = 2.2 mA integrated 32-bit counter
Network:	10/100BaseT autosensing
Power supply:	12-24V DC (approx. 100mA@24V)
Galvanic isolation:	Digital outputs - network: min. 1000 V Digital inputs - network: min. 2000 V Digital inputs - outputs: min. 1000 V
Adapters:	2 x 16x screw terminal blocks for IOs and power 1 x RJ45 for network 1 x DB9 plug for RS232
Displays:	5 Status LEDs 18 LEDs for digital states

Data transmission:

Protocols:	TCP and UDP sockets, client and server SNMP including traps SMTP e-mail sending OPC server Modbus TCP Inventory keeping, group management
Response times:	Data and switching traffic: Typically 12ms

Housing and other data:

Enclosure:	Plastic housing for top hat rail installation 106.8 x 87.8 x 62.6 (L x W x H)
Enclosure rating:	IP20
Weight:	approx. 250 g
Storage temperature:	-25°C - 70°C
Operating temperature:	0°C - 60°C
Permissible relative humidity:	5..95% RH (non-condensing)
Scope of delivery:	1 x Web-IO Digital 12xIn, 6xRelay 1 x Quick Guide 1 x W&T product CD Power supply and other accessories can be ordered separately

W&T
www.WuT.de

We are available to you in person:

Wiesemann & Theis GmbH
Porschestr. 12
42279 Wuppertal
Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5 p.m.)
Fax: +49 202/2680-265
info@wut.de

Data Privacy