W&I connects

Interfaces for TCP/IP, Ethernet, RS-232, RS-485, USB, 20mA,
glass and plastic fiber optic cable, http, SNMP, OPC, Modbus TCP, I/O digital, I/O analog, ISA, PCI

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Data sheet:

Web-IO Digital 2xIn, 2xOut

Article no.: 57633

This article has been replaced by the expanded successor model Web-IO 4.0 Digital, 2xIn, 2xOut.

Server connection directly on the Intranet, via TCP/IP sockets, or using services such as SNMP, e-mail, OPC and web server.

Properties

General information

- **Network connection:**
  - 10/100BaseT autosensing, RJ45

- **Web-based management**

- **6 V - 30 V digital industry-standard outputs**
  - Current sourcing FET
  - 2-bit a 0.5A, grouping in 2's for increasing switching current possible
  - Short-circuit-protected by virtue of thermal safety fuse
  - Programmable logic functions

- **Digital industry-standard inputs**
  - Type 1, current sinking in accordance with IEC 1131-2
  - Protected against reverse connection
  - Counter inputs for events (pulse width min. 1 ms)
  - 4 alarm conditions for SNMP traps and e-mail

- **Box-to-box mode**

- **Software interfaces**
  - HTTP, Web browser
  - AJAX, JavaScript and Java applet
  - TCP and UDP sockets, client and server
  - OPC server
  - SMTP (e-mail)
  - Syslog
  - SNMP (including trap)
  - FTP (data logging)

- **Software compatible with digital I/O Com-Server 50210/50310**

- **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**

These compact devices include everything you need to connect digital input and output ports of industrial 24V technology to the network. In many cases, it is even possible to manage without additional relays. The wide input voltage range also enables operation at 12 V.

Like the configuration of the device, the reading and/or control of the input/output ports is done via a Web browser. Beyond this, access facilities via TCP/UDP sockets, OPC, SNMP or via e-mail are also available.

Possible applications

Remote monitoring, automation technology, home and building technology and building visualization, process monitoring, photoelectric beam control, gate control, light barrier control, machine data acquisition, customer counting, fault indicators and much more.

Technical data

Network:	10 / 100BaseT autosensing
Protocol:	TCP and UDP sockets, client and server
	SNMP including traps
	Syslog
	SMTP e-mail sending
	FTP
	OPC server
	Inventory keeping, group management
Response times:	Data and switching traffic: typically 12 ms
Digital outputs:	2 x Digital Out 6V-30V, 500mA
	Short-circuit-protected
Digital inputs:	2 x Digital In,
	max. input voltage +/-30V
	protected against reverse connection within this range
	Switching threshold 8V +/- 1V
	"On" current = 2.2 mA
Adapters:	6 screw terminals for IO's,
	2 screw terminals for device power supply
Galvanic isolation:	Digital-IO's - Network: min. 1000 V
Displays:	Status LEDs for network
Power supply:	12-24V AC/DC (approx. 100mA@24V, approx. 200mA@12V)
Storage temperature:	-25°C - 70°C
Operating temperature:	0°C - 60°C
Housing:	Plastic housing for top hat rail installation
	105x75x22mm (L x W x H)
Weight:	approx. 140 g
Scope of delivery:	1 x Web-IO 2xDigital
	1 x Quick Guide
	1 x W&T product CD
	Power supply and other accessories can be ordered separately

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