W&T 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 Analog-In + AC current converter 0..50A

Article no.: 57644

This article has been replaced by the expanded successor model Web-IO Analog-In/Out 2x 0-10V and accessories AC current converter 0..50A.

Read currents over the network

Monitor, store and graphically represent currents up to 50A

Properties

General information

- **Monitor measured values and trends from a browser**
  - HTML page design user-variable
  - Direct access to the actual value, e.g., for integration into other Web pages

- **Graphic display of the stored temperature values**
  - Chart display
  - Interactive display, user-scalable
  - Display of limit violations
  - Freely selectable line color

- **E mail for alarm or as reporting function**

- **SNMP measurement queries** / **alarm traps** for incorporating into your existing SNMP management system

- **Querying measured data with OPC**

- **Sensing alarms via syslog, TCP, SNMP, e-mail**

- **Archiving via FTP and W&T database tool** **Sensobase®**

- **Time synchronization via time server calibration**

- **Ready-to-use device software. No user configuration necessary!**

- **Adapters:**
  - 10/100MBit
  - 0..10V voltage input for the 0..50A current converter

- **Easy Start:**
  - Connect measurement lines and network cable
  - Connect supply voltage
  - Assign IP number
  - That's it!

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

- **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

Network:	10/100BaseT autosensing
	IPv6 on request

Measuring unit

Voltage input:	0..10V, 1MOhm
Resolution:	2x voltage input: 1.25mV
Measuring error:	max. 0.5% FSR (Full Scale Range 0..10V) T_A = 0-60°C
Storage frequency:	1, 5, 15, 60 min
Memory depth (832k):	min. 79 days, max. 17 years
Deviation of the internal clock:	max. 4.32 min. / month (without time server calibration)
	max. 3 sec. (with time server calibration)
Measurement value acquisition (can be polled over the network and can generate alarms if desired):	2/second
Saving in the internal data logger	1/Minute
Galvanic isolation:	Measurement inputs to network: min. 500V
E-mail function:	Mail for sending alarms or as reporting function
Supply voltage (uses screw terminals):	DC 12V .. 48V (+/-10%)
	AC 12Veff .. 30Veff (+/-10%)
Current consumption:	AVG: 185mA @12VDC, 90mA @24VDC
Housing:	Plastic compact housing, 105x75x22mm
Weight:	approx. 200g
Ambient storage temperature:	-40 .. +70°C
Ambient operating temperature:	0 .. +60°C
Scope of delivery:	1x Web-IO Analog-In for top-hat rail mount
	1x product CD with
	WuTility management tool, OPC server,
	Programming examples for VB/Delphi, SNMP-MIB
	Reference manual in German/English

Please order power supplies separately as accessories

AC current converter 0..50A

Output signal:	0-5VDC or 0-10VDC (Default) True RMS
Frequency range:	30-6000Hz (all wave forms)
Response time:	400ms
Accuracy	1% Full Scale
Power supply:	24VDC +/- 5%
Output load for voltage output:	10kOhm min.
Isolation voltage:	5000V
Current consumption:	<30mA
Ambient operating temperature:	-20 .. +50°C

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www.WuT.de

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Data Privacy

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