



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This article has been replaced by the expanded successor model [Web-IO Analog-In/Out 2x 0-10V](#) and accessories [AC current converter 0..50A](#).

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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 for industrial environments
 - Low noise emission for residential and business areas
- **5 year guarantee**

Technical data

Network: 10/100BaseT autosensing

IPv6 on request

Measuring unit

Voltage input: 0..10V, 1M Ω
Resolution: 2x voltage input: 1.25mV
Measuring error: max. 0.5% FSR (Full Scale Range 0..10V) $T_A = 0-60^\circ\text{C}$

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 12V $_{\text{eff}}$.. 30V $_{\text{eff}}$ (+/-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: 10k Ω min.
Isolation voltage: 5000V
Current consumption: <30mA
Ambient operating temperature: -20 .. +50°C



[We are available to you in person:](#)

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