

Data sheet:

ERP-Gateway 2x Digital PoE



Article no.: 57638

Unfortunately, this article is no longer available.

ERP/PPS system controls digital in-/outputs - simply, using the FTP user name

Use your system to open a standard FTP connection to the ERP Gateway and send the control command as a login name. After authenticating by the password, the output is immediately turned on or off.

Properties

Interfaces:

- **1x Ethernet 10/100BaseT autosensing**
- **Galvanic isolation between the ports**
 - Isolation voltage min. 1000V between digital IOs and network

Management and connectivity:

- **Switching using Wayback with any FTP client**
 - Sending commands in the login name
- **Network connection:**
 - 10/100BaseT autosensing, RJ45 with PoE
- **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
 - pulse mode 2ms up to approx. 49 days
- **Digital industry-standard inputs**
 - Type 1, current sinking in accordance with IEC 1131-2
 - Polarity reversal protected
 - Counter inputs for events (pulse width min. 1 ms)
 - 4 alarm conditions for SNMP traps and e-mail
- **Box-to-box mode**
- **Additional software interfaces**
 - FTP Wayback
 - 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 client (data logging)

Power supply:

- **External**
 - Screw terminal connection 12V-24V AC/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**

♥ Wish for something!
Your suggestions for improvement and additions

Worth knowing

Patented Wayback feature:

In addition to all the standard functions of the Web-IO® Digital, the ERP-Gateway 2x Digital PoE also includes the patented Wayback procedure. As a platform- and operating system-neutral software interface, the Wayback procedure enables even communication limited systems to directly switch outputs - without any additional software packages, drivers or special access rights to the file system. The only prerequisite is the ability to establish an FTP connection to the ERP gateway. The desired command is sent as the user login followed by a password, whereupon the ERP gateway switches the desired output - that's it!

ERP/PPS systems such as SAP, Baan, PSI etc. can in this way, using a simple FTP login, send switching pulses to machines, PLCs or any other desired outputs without actual data transmission.

SAP application example

When a certain production quantity is reached, you need to use the SAP system to switch a light column to red. Without any additional, expensive software components a small ABAP procedure opens the FTP connection to the ERP Gateway when the event occurs and sends the command as a user login, whereupon the signal column is immediately switched to red.

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.

(Wayback support for other Web-IO models on request)

Technical data

Connections and displays:

Network:	10/100BaseT autosensing
Digital outputs:	2 x Digital Out 6V-30V, 500mA Short-circuit-protected
Digital inputs:	2 x Digital In max. input voltage +/-30V Protected against polarity reversal within this range Switching threshold 8V +/- 1V "On" current = 2.2mA integrated 32-bit counter
Connections:	6 screw terminals for IO's, 2 screw terminals for device power supply
Protocol:	FTP Wayback procedure TCP and UDP sockets, client and server SNMP including traps Syslog SMTP e-mail sending FTP client OPC server Inventory keeping, group management
Response times:	Data and switching traffic: typically 12 ms
IO supply using PoE:	24V /max. 250mA
Galvanic isolation:	Digital-IO's - Network: min. 1000V

Supply voltage: DC 24V .. 48V (+/-10%)
 AC 18Veff .. 30Veff (+/-10%)
 Power-over-Ethernet (PoE)

Current consumption: typ. 100mA@24V DC

Displays: 1 LED Power
 1 LED Status
 1 LED Error

Housing and other data:

Housing: Plastic housing for top hat rail installation
 105 x 22 x 75mm (L x W x H)

Enclosure rating: IP20

Weight: approx. 140g

Ambient temperature: Storage: -25..+70°C
 Operation: 0..+60°C

Scope of delivery: ERP-Gateway 2x Digital,
 Quick start manual
 W&T product CD

Please order power supplies separately as accessories

Accessories

*Net unit price for
 commercial users

Power supplies

Plug-in power supply, 24V / 500mA DC with Euro plug	11021	21.00€	
Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug	11026	38.00€	
Power supply for DIN rail, 24V / 630mA DC (merchandise, 2-year manufacturer's guarantee)	11080	33.00€	

Storage and Visualization

Motherbox 2	50502	298.00€	
SD Data Station	50541	198.00€	
FTP Data Station 2	50542	198.00€	

Coupling relay for up to 230V

230V coupling relay - 1 x changeover for DIN rail mount	57015	22.00€	
230V coupling relay - 2 x changeover for DIN rail mount	57016	22.00€	

Mechanical Accessories

Mounting bracket for wall mounting	58812	11.20€	
19" DIN rail	58813	21.00€	
Wall mount housing, enclosure rating IP66 / IP67	11120	54.00€	

Software

WuTility	00104	free	
OPC Server	00103	free	

* 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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