

Data sheet:

## ERP-Gateway 12x Digital Input, 6x Digital Relay



Article no.: 57636

Unfortunately, this article is no longer available.

### ERP/PPS system controls digital relays - 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

#### General information

- **NEW! Switching using Wayback with any FTP client**
  - Sending commands in the login name
- **Network connection:**
  - 10/100BaseT autosensing, Ethernet RJ45
- **Web-based management**
- **6 potential-free outputs using relays**
  - Switch 30V DC at max. 5A
  - Switch 48V AC at max. 5A
  - Pulse mode with configurable auto-shutoff
  - Programmable logic functions
- **12 digital inputs in industry standard**
  - Type 1, current sinking in accordance with IEC 1131-2
  - Galvanically isolated into 3 groups
  - Protected against polarity reversal
  - Counter inputs for events (pulse width min. 1 ms)
  - 12 alarm conditions for SNMP traps and e-mail
- **RS232 as an optional configuration access**
- **Software interfaces**
  - FTP Wayback
  - 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)
- **Box-to-box mode**
- **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**

#### Background information

In addition to the standard functions of the Web-IO Digital, the ERP-Gateway 6x Relay also includes the patented Wayback

procedure. As a platform- and operating system-neutral software interface, the Wayback procedure allows even communicatively limited systems to directly switch outputs - with no additional software packages, drivers or special access rights to the file system. The only prerequisite is the ability to open an FTP connection to the ERP Gateway. The desired command is sent as a user login followed by a password, whereupon the ERP Gateway switches the desired output - and that's all there is to 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.

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## Technical data

Network:	10/100BaseT autosensing Ethernet
Protocol:	FTP Wayback procedure TCP and UDP sockets, client and server SNMP including traps, Syslog SMTP e-mail, FTP data logging OPC server Inventory keeping, group management
Response times:	Data and switching traffic: typically 12 ms
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
Digital inputs:	12 x digital inputs, max. input voltage +/-30V Protected against polarity reversal within this range Switching threshold 8V +/- 1V "On" current = 2.2 mA
Adapters:	Screw terminals
Galvanic isolation:	Digital outputs - network: min. 1000 V Digital inputs - network: min. 2000 V Digital inputs - outputs: min. 1000 V
Serial port:	RS232 interface as an optional configuration access.
Displays:	Status LEDs for network 24 LEDs for digital statuses
Operating elements:	1 hidden reset button
Power supply:	12-24V AC/DC (approx. 150mA@24V, approx. 300mA@12V)
Storage temperature:	-25°C - 70°C
Operating temperature:	0°C - 60°C
Housing:	Plastic housing for top hat rail installation 106.8 x 87.8 x 62.6 (L x W x H)
Weight:	approx. 280 g
Scope of delivery:	1 x ERP-Gateway 12In, 6Out 1 x Quick Guide 1 x W&T product CD

**Please order power supplies separately as accessories**



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