

Data sheet:

ERP-Gateway 2x Digital Input, 2x Output



Article no.: 57635

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

General information

- **NEW! Switching using Wayback with any FTP client**
 - Sending commands in the login name
- **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
 - Pulse mode 2ms up to approx. 49 days
- **Digital industry-standard inputs**
 - Type 1, current sinking in accordance with IEC 1131-2
 - Protected against polarity reversal
 - 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)
- **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 2x Digital 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.

Technical data

Network:	10/100BaseT autosensing
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
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:	DC 12V .. 48V (+/-10%) AC 9Veff .. 30Veff (+/-10%)
Current consumption:	typ. 100mA@24V DC
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 ERP-Gateway 2x Digital, 1 x Quick Guide 1 x W&T product CD

Please order power supplies separately as accessories



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