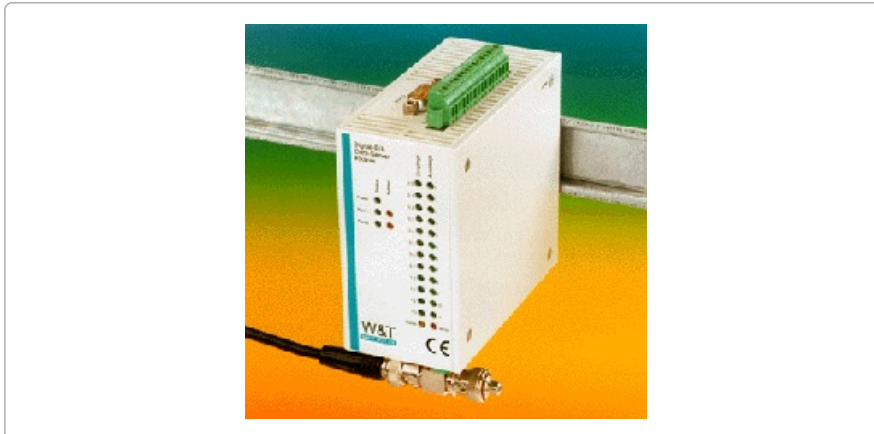








Data sheet:

## Digital I/O Com-Server, 12I/12O



Article no.: 50210

This article has been replaced by the expanded successor model [Web-IO Digital #57730](#).

Contact	
Manual	
Tools	
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12 digital inputs/12 digital outputs, 24V DC per network

This compact device includes everything you need for connecting digital in- and outputs at industrial 24V levels. The otherwise usual additional relay or interface cards, cable, frames etc. are no longer needed. The wide input voltage range enables operating at 12V +/- 10%.

## Properties

### General information

- **Network adapters:**
  - Coax Ethernet = 10Base2
  - Twisted pair Ethernet = 10BaseT
- **Digital outputs in 12V or 24V industrial standard**
  - Transistor current sourcing
  - 12 bit at 0.5A, isolated
- **Digital industry-standard inputs**
  - Type 1, current sinking in accordance with IEC 1131-2
  - 3 groups at 4, isolated
  - Protected against polarity reversal
- **Software interfaces**
  - TCP/IP: TCP and UDP sockets, client and server
  - OPC server
  - SNMP

## Technical data

Network:	Ethernet: BNC = 10 Base2, RJ45 = 10 BaseT
Protocol:	TCP/IP: TCP and UDP sockets, client and server OPC server, inventorying, group management
Response times:	Data and switching traffic: typically 6ms
Digital outputs:	1 Group 12 x Digital Out 10.8V-30V, 0.5A max. group current 6A
Digital inputs:	3 groups at 4 x digital in, max. input voltage +/-30V protected against reverse connection within this range Switching threshold 8V, +/- 1V "On" current = 2.2 mA
Plug adapter:	2 x 16 screw-type terminals
Galvanic isolation:	Digital outputs - network: min. 500 V Digital inputs: min. 1000 V
Indicators:	Status LEDs for network 24 LEDs for digital statuses 1 LED for short circuit monitoring
Operating elements:	1 hidden reset button
Power supply:	10.8V-30V DC, 3.4W
Storage temperature:	-25°C - 70°C
Operating temperature:	0°C - 45°C

Housing: Plastic housing for top hat rail installation  
100x100x50 mm  
Weight: approx. 320 g



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

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