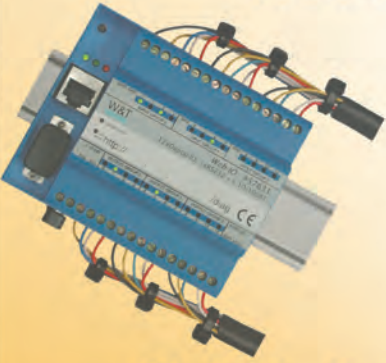
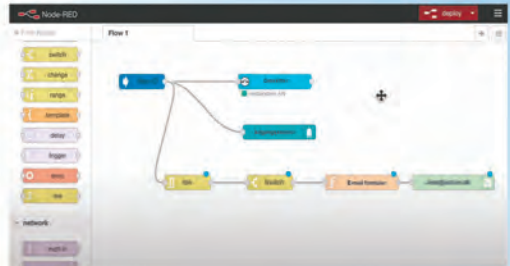
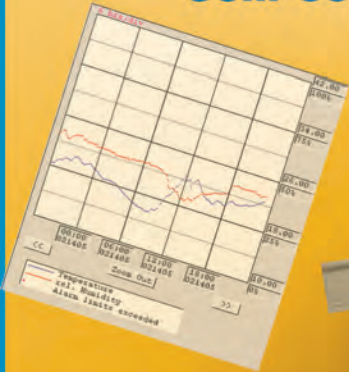


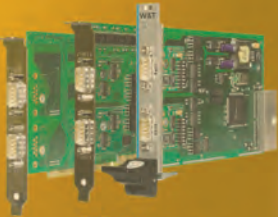
Automation with high quality products ensures the optimal solution.



Digital - Analog - Temperatur - USB -
Com-Server - PC-cards - Node-Red



W&T
www.WuT.de



Wiesemann & Theis
Product Catalogue



Welcome to Active Communication

Since 1992, Active Communication has been the Danish distributor of the hi-tech industry systems from Wiesemann & Theis GMBH, Germany (W&T). In 2002 the company's scope was expanded, offering these valuable products to Sweden, Norway and Iceland.

Close cooperation – it is important for us

Our aim is to forge cooperative partnerships with businesses that deliver data, and automation solutions, to their own clientele. We strive to ensure that we provide an optimal package through our comprehensive consultancy and support service; delivered direct to the customer.

Quality is the key

Within the rapidly expanding industrial data communication market, W&T offer a range of the best products available. When assured reliability throughout a products lifetime is vital then quality should be one cost that is never cut. That is why Swedish Defence and Volvo choose our products for their systems – they refuse to compromise on quality.

Network partnerships

Our goal is to be both a distributor and a cooperative partner with clients in the sphere of developing projects and applications across a broad spectrum. This can range from developing specialist software for product deployment or the implementation of video controls. When a customer enquires about a specific task we have a multitude of resources to draw upon to find the best solution.

Try out at no charge

You can request samples of any of our W&T products to try out at no charge.

5 year guarantee

After the legal warranty period has expired, W&T will repair or replace any device which has failed due to manufacturing defects at no cost as long as it is returned to us postage paid.

About W&T

With 48 employees, invents, develops, manufactures and distributes W&T long-lasting micro-computer, the data interfaces, networking and IO issues together. Customers appreciate also W&T as a simple, helpful and competent partner.

On the following pages you will find a part of W&T product portfolio. Technical data sheets, application examples and more information, see our website at: www.actcom.dk or use www.WuT.de.

All prices is without tax.

Call us +45 7564 3399
E-mail: info@com-server.net

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**Automations is a way to succes,
Monitorien and alarms can safe problems.
Test our W&T products for free in 30 days.**

**Call us +45 7564 3399
E-mail: info@com-server.net**

Climate monitoring via network!

Fast - Easy Start Up

W&T Web Thermograph can be quickly integrated into your network. Setting up IP Address is simplified in our free management and inventory tool WuTility.

Simply type the IP address in the address bar of your Web browser, and it immediately opens the location of the Web-thermograph.

Easy to use

The Web-Thermograph can directly be configured and monitored through the integrated Web Browser. Direct access to the current readings and logger content

is possible via the Web interface. Other functions such as e-mail alerts or downloading the logger data into an Excel-compatible file formats are allowed using standalone applications straight out of the box.

Integration

Standard protocols and interfaces such as OPC, SNMP, SYSLOG, AJAX allow easy integration into existing systems. Direct network access via TCP / IP sockets from individual applications is supported.

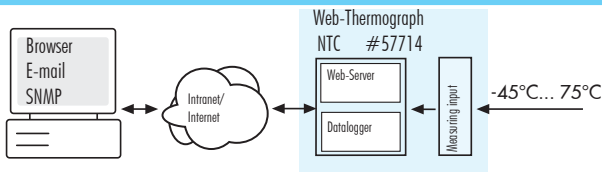
Web-Thermograph NTC, PoE Monitor and graphically display temperatures



Product Features:

- * Records temperature in the range -45 °C .. 75 °C
- * NTC sensor (10k) including
- * Integrated logger for max. 16 years
- * Network Interface: 10/100BaseT autosensing
- * Power Supply: PoE or 18-48 volts DC
- * alarms when limits are exceeded via e-mail, SNMP trap ...
- * Software Interface: Browser, FTP, Syslog, OPC servers, individual socket access (TCP / UDP)

[Read more about #57714](#)



Description

Web-Thermograph NTC, PoE

Art no.

57714

Euro

288,00

DKK

2160,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

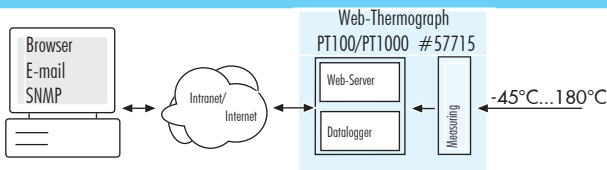
Web-Thermo graph Pt100/Pt1000, PoE Monitor and graphically display temperatures



Product Features:

- * supplied with Pt100 sensor to capture temperatures of -50 °C .. 180 °C.
- * Range of Entrance: -200 °C .. 650 °C.
- * Network Interface: 10/100BaseT autosensing.
- * Power Supply: PoE or 18-48 volts DC.
- * alarms when limits are exceeded via e-mail, SNMP trap ...
- * Software Interface:
 - Browser, FTP, Syslog, OPC server, individual socket access (TCP / UDP)

[Read more about #57715](#)



Description

Web-Thermograph Pt100/Pt1000, PoE

Art no.

57715

Euro

338,00

DKK

2535,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Web-Thermograph 2x/8x

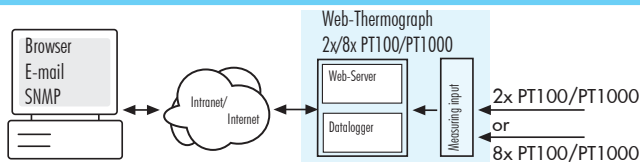
Monitor and graphically display temperatures



Product Features:

- * In the range -200 °C .. 650 °C temperature capture
- * 1x Pt100 sensor cable -50 °C .. 180 °C including
- * Integrated logger for max. 4 or 8 years
- * Network Interface: 10/100BaseT autosensing
- * Power supply: 12-34 V DC
- * alarms when limits are exceeded via e-mail, SNMP trap ...
- * Software Interface: Browser, FTP, Syslog ...
- OPC servers, individual socket access (TCP / UDP)

[Read more at #57778](#)



Description

| | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Web-Thermograph 2x | 57707 | 438,00 | 3285,00 |
| Web-Thermograph 8 x | 57778 | 558,00 | 4185,00 |
| Optional: additional Pt100 sensor, Class A | 57011 | 22,00 | 165,00 |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Web-Thermo-Hygrobarograph PoE

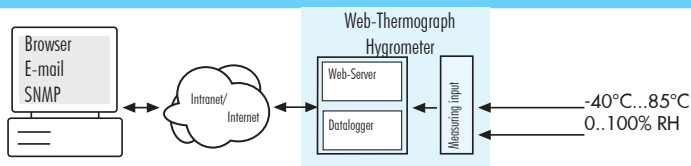
Measure temperature, humidity and air pressure



Product Features:

- * Measuring range: Temperature: -40 °C. 85 °C.
- * Humidity: 0% RH ..100.
- * Barometer: 10-1100 hPa.
- * Network Interface: 10/100BaseT autosensing.
- * Power Supply: PoE or 18-48 volts DC.
- * alarms when limits are exceeded via e-mail, SNMP trap ...
- * Software Interface:
- Browser, FTP, Syslog, OPC server, individual socket access (TCP / UDP).

[Read more about #57713](#)



Description

| | Art no. | Euro | DKK |
|---|---------|--------|---------|
| Web-Thermo-Hygrobarograph PoE | 57713 | 438,00 | 3285,00 |
| Optional Power Supply: NT 24V / 0,22 A DC connector with Euro Pins | 11020 | 19,00 | 142,50 |

Web-Thermograph relay

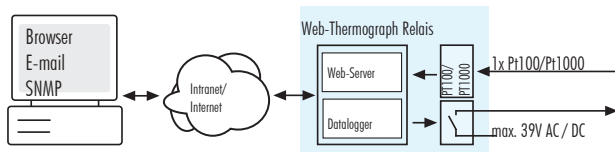
Monitor temperature monitor and switch a digital output



Product Features:

- * 1x Pt100/Pt1000 measuring input -200 °C..650 °C
- * 1x probe -50 °C .. 180 °C including
- * Digital output:
 - 1 potential free contact in Semiconductor relay technology (max. 39V AC / DC),
- * Power Supply: PoE or 12-48 volts DC
- * alarms when limits are exceeded via e-mail, SNMP trap or remote control ...
- * Software Interface: Browser, FTP, Syslog ...
- OPC servers, individual socket access (TCP / UDP)

[Read more at www.actcom.dk](http://www.actcom.dk)



Description

Web-Thermograph relay

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Coupling relay - 1 x 230V for DIN rail

Art no.

57726

Euro

398,00

DKK

2985,00

11021

21,00

158,00

57015

19,80

148,50

Web-IO CO2

Monitor and graphically display temperatures



Product Features:

- * CO2 sensor: Measuring range: 0-5000 ppm CO2
- * Configurable LED tower on sensor for optical indication of limit values.
- * Use browser to monitor CO2 and trends
- * Alarm and reporting function: E-mail for alarm or reporting functions
 - SNMP polling / alarm traps
 - Configure up to 12 alarm messages
- * Current Industry 4.0 protocols:
 - REST and MQTT support

[Read more at www.actcom.dk](http://www.actcom.dk)

Monitor air quality

Web-IO CO2 is a network-capable measuring instrument for detecting carbon dioxide concentration in the ambient air.

For long-term, continuous detection of the CO2 concentrations it is equipped with an internal data logger, and the measuring data can be sent to the W&T cloud as well. The alarm function sends messages when configurable limits are exceeded.

The measuring range of 0-5,000 ppm is suitable for monitoring the indoor air in schools, daycare centers, retirement homes and office buildings. Applications from agriculture and horticulture include stall climate detection and greenhouse monitoring.

Description

Web-IO CO2

Art no.

57721

Euro

548,00

DKK

4110,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Web-Thermometer 1x

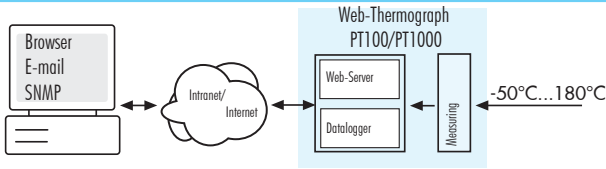
Monitor temperature monitor and switch a digital output



Product Features:

- * PT100 temperature sensor:
 - Measuring range of W&T probe: -50°C...180°C
 - Measuring input: -200°C...650°C
- * Power Supply: PoE or 12-48 volts DC
- * alarms when limits are exceeded via e-mail, SNMP trap or remote control ...
- * Software Interface:
 - Browser, FTP, Syslog ...
 - OPC servers, individual socket access (TCP / UDP)

[Read more about #57725](#)



Description

Web-Thermograph 1x

Art no.

57725

Euro

338,00

DKK

2535,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Web-Thermo-Hygrometer PoE

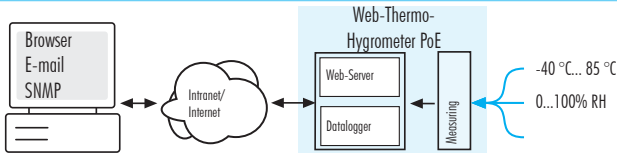
Measure temperature and humidity



Product Features:

- * Measuring range: Temperature: -40 °C... 85 °C.
- * Humidity: 0% RH ..100.
- * Network Interface: 10/100BaseT autosensing.
- * Power Supply: PoE or 18-48 volts DC.
- * alarms when limits are exceeded via e-mail, SNMP trap ...
- * Software Interface:
 - Browser, FTP, Syslog, OPC server, individual socket access (TCP / UDP).

[Read more about #57720](#)



Description

Web-Thermo-Hygrobarograph PoE

Art no.

57720

Euro

398,00

DKK

2985,00

Optional Power Supply:

NT 24V / 0,22 A DC connector with Euro Pins

11020

19,00

142,50

Web-Thermo-Hygrometer ++ PoE

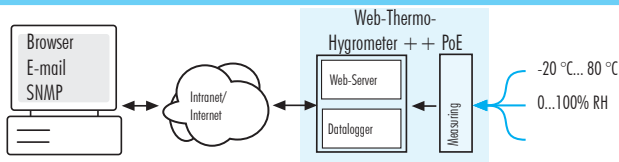
Measure temperature and humidity



Product Features:

- * Temperature sensor: Measuring range: -20°C...80°C
- * Relative humidity sensor: Measuring range: 0...100%
- * RH Intuitive Web interface for simpler configuration
- * Alarm and reporting function:
 - E-mail for alarm or as reporting function
 - SNMP polling / alarm traps
 - Configure up to 12 alarm messages
- * Dynamic integration into other Web sites:
 - Direct access to current measurement values, e.g. JavaScript (AJAX).
- * Current Industry 4.0 protocols: REST and MQTT support

[Read more about #57729](#)



Description

Web-Thermo-Hygrometer ++

Art no.

Euro

DKK

57729 1368,00 10260,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Measuring Accessories / Calibration

Description

Sensors

Pt-100 Sensor, Class A, 4-wire, 2m cable, for Web-Thermograph 2x/8x

Art no.

Euro

DKK

57011 22,00 165,00

Pt-100 Outdoor Temperature Sensor, Class B, 4-wire, IP65 housing

57014 54,00 405,00

Replacement Sensor for 57720

57025 168,00 1260,00

Replacement Sensor for 57713

57019 218,00 1635,00

Replacement Sensor for 57728

57038 218,00 1635,00

Replacement Sensor for 57729

57032 1048,00 7860,00

Sensor Extension Cable for 57729, M8 connectors, 2m

57033 34,00 255,00

Sensor Extension Cable for 57729, M8 connectors, 5m

57034 44,00 330,00

Sensor Extension Cable for 57729, M8 connectors, 10m

57035 54,00 405,00

Proprietary Calibration with calibration certificate

Proprietary calibration 1 x 3 temperature calibration points

57013 218,00 1635,00

Proprietary calibration 2 x 3 temperature calibration points

57022 218,00 1635,00

Proprietary calibration 8 x 3 temperature calibration points

57023 438,00 3285,00

Proprietary calibration Temperature & Humidity

57012 218,00 1635,00

Proprietary calibration Temperature, Humidity & Pressure

57017 438,00 3285,00

DAkks/DKD Calibration with calibration certificate

DAkks/DKD calibration 1 x 3 temperature calibration points

57029 328,00 2460,00

DAkks/DKD calibration 2 x 3 temperature calibration points

57030 428,00 3210,00

DAkks/DKD calibration 8 x 3 temperature calibration points

57031 638,00 4785,00

DAkks/DKD calibration Temperature & Humidity

57027 328,00 2460,00

DAkks/DKD calibration Temperature, Humidity & Pressure

57028 538,00 4035,00

CO2-Measurement with remaining time display

timeair

97200 166,39 1248,00

Sleeve for timeair

97201 4,20 32,00

Web-IO Digital Switching, monitoring & alarm 24V or 230V switching

Small System

Control and monitor Web-IO Digital directly from the browser. Direct access to output signals is possible via the web interface. Other functions such as e-mail alerts or downloading the logger data into an Excel-compatible file formats are allowed using standalone applications straight out of the box.

Big System

The direct network access via TCP / IP sockets from individual applications is supported. Simple integration into IoT, SCADA, MES and NMS systems via OPC UA, OPC DA, MQTT, Modbus/TCP, REST and SNMP

Versatile network remote switch

The digital outputs can be switched over the Web, an app or from your own applications. In Box-2-Box mode in- and outputs are adjusted between two devices across different locations.

Detect and monitor

Using configurable actions you monitor the in- and outputs and send e-mails when there are status changes or you can switch the outputs.

Web-IO goes Modbus TCP

Web-IO can be easily integrated into existing systems as Modbus Modbus slaves. Thanks to the embedded Web server, Modbus can also be combined with Web services (eg e-mail, browser).

For more information: www.WuT.de/modbus

Web-IO 2x Digital In, Digital Out 2 x PoE

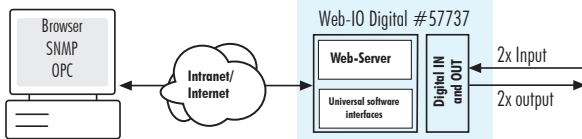
Digital inputs / outputs connected via network



Product Features:

- * 2 digital inputs (sinking to IEC 1131-2)
- * 2 digital outputs (FET Sourcing)
- * 1 / 0 supply voltage (no ext. power supply needed)
- * 4-configurable alarms
- * Network Interface: 10/100BaseT auto-sensing PoE
- * Power Supply: PoE or 24-48 volts DC
- * Software Interface: Browser, Email, SNMP, FTP, Syslog, OPC, ...
- New: timer function (iCal) and Modbus TCP

[Read more about #57737](#)



Description

| | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Web-IO 2x Digital IN / Out PoE | 57737 | 338,00 | 2535,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Web-IO 4.0 Digital, 12xIn / 8xRelais Out

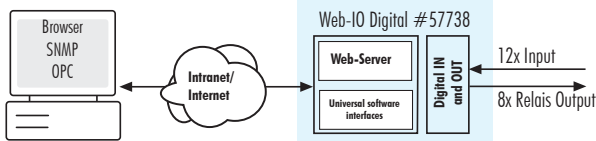
Digital inputs / outputs connected via network



Product Features:

- * 12 switching inputs: Digital 24V inputs; 32-bit pulse counter
- * 7 potential-free contacts as changeover
 - 1 potential-free contact as normally open
 - Switching voltage 12V to 24V, (110V, 230V via coupling relays)
 - Switching current max. 2A
- * Current Industry 4.0 protocols: OPC UA, REST and MQTT support, AMQP on request
- * Box-to-Box: Pass switching signals over the network 1:1
- * Alarm and reporting functions: Email for alarm sending or as status report
- SNMP polling / alarm traps

[Read more about #57738](#)



| Description | Art no. | Euro | DKK |
|---|---------|--------|---------|
| Web-IO 4.0 Digital, 12xIn / 8xRelais Out | 57738 | 448,00 | 3360,00 |
| Optional Power Supply: | | | |
| Power Supply 24V, 0,75A (Euro), 2-pin connector for screw-type terminal | 11025 | 33,00 | 248,00 |

Web-IO 12x Digital In, 12x Digital Out

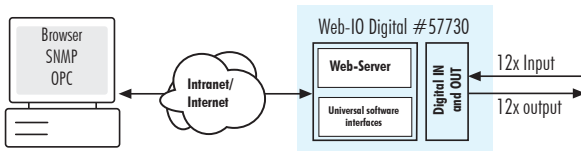
Digital inputs / outputs connect via network



Product Features:

- * 12 digital outputs 6V-30V (FET Sourcing) including programmable logic functions
- * 12 digital inputs (sinking to IEC 1131-2) with up to 12 freely configurable alarms
- * Network Interface: 10/100BaseT autosensting
- * Power supply: 12-24V AC / DC
- * Current Industry 4.0 protocols: OPC UA, REST and MQTT support AMQP on request
- * Box-to-Box: Pass switching signals over the network 1:1
- * Software Interface: Browser, Email, SNMP, FTP, Syslog, OPC, ...
- New: timer function (iCal) and Modbus TCP

[Read more about #57730](#)



Description

Web-IO 12x Digital IN / Out

| Art no. | Euro | DKK |
|---------|--------|---------|
| 57730 | 438,00 | 3285,00 |

Optional Power Supply:

Power Supply 24V, 0,75A (Euro), 2-pin connector for screw-type terminal

| | | |
|-------|-------|--------|
| 11025 | 33,00 | 248,00 |
|-------|-------|--------|

Web-IO 12x Digital In/Out with RS232

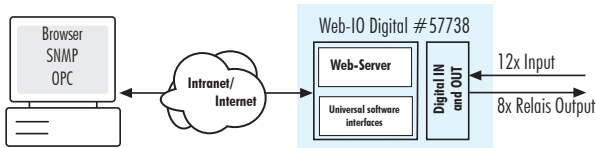
I / O terminals and serial interface directly to the TCP / IP Ethernet



Product Features:

- * 12 digital outputs (FET Sourcing)
- * 12 digital inputs (sinking to IEC 1131-2)
- * Com-server functionality: RS232 interface up to 230.000 baud, 0,5 kV optical isolation
- * Network Interface: 10/100BaseT autosensting
- * Power supply: 12-24V AC / DC
- * Current Industry 4.0 protocols: REST and MQTT support, AMQP on request
- * Box-to-Box: Pass switching signals over the network 1:1
- * Software Interface:- Browser, Email, SNMP, FTP, Syslog, OPC,

[Read more about #57731](#)



Description

Web-IO 12x Digital IN / Out with RS232

| Art no. | Euro | DKK |
|---------|--------|---------|
| 57731 | 558,00 | 4185,00 |

Optional Power Supply:

Power Supply 24V, 0,75A (Euro), 2-pin connector for screw-type terminal

| | | |
|-------|-------|--------|
| 11025 | 33,00 | 248,00 |
|-------|-------|--------|

Web-IO 4.0 Digital 4xIn/Out

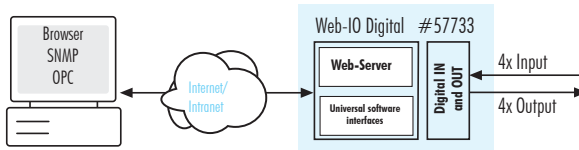
Direct to intranet and internet via TCP/IP



Product Features:

- * 4 channels: Can be used optionally as inputs or outputs, 24V technology
 - Switching currents up to 500mA, 32-bit pulse counter
- * Current Industry 4.0 protocols:
 - OPC UA, REST and MQTT support, AMQP on request
- * Box-to-Box: Pass switching signals over the network 1:1
- * Alarm and reporting functions:
 - Email for alarm sending or as status report, SNMP polling / alarm traps, Switching your outputs in alarm situations, Switching the outputs on another Web-IO,

[Read more about #57733](#)



Description

| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Web-IO 12x Digital IN / Out | 57733 | 338,00 | 2535,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Web-IO 4.0 Digital 230V

Web-IO 4.0 Digital 1x 230V In, 1x Relais Out

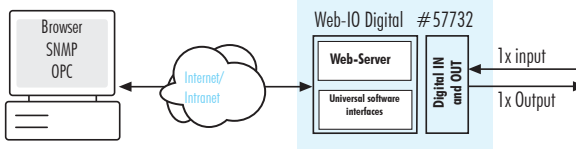
Operate digital inputs / outputs via browser or over network



Product Features:

- * 1 switching input: Digital input, 230V, 32-bit event counter, 1 switching output:
 - Potential-free output for 230V mains voltage, Switching currents up to max. 16A
- * Current Industry 4.0 protocols:
 - OPC UA, REST and MQTT support
 - AMQP on request
- * Box-to-Box
 - Pass switching signals over the network 1:1

[Read more about #57732](#)



Description

| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Web-IO 4.0 Digital 1x 230V In, 1x Relais Out | 57732 | 238,00 | 1785,00 |

Web-IO 4.0 Digital Time Switch 4x In/Out

Direct to intranet and internet via TCP/IP



Product Features:

- * 4 channels: Optionally usable as input or output i 24V technology - Switching currents up to 500mA - 32 bit pulse counter.
- * Intuitive web interface for easier operation
- * Alarm and reporting functions
- * Dynamic integration into other websites
- * Possible uses:
Remote monitoring and fault reporting, Cross-site switching, Home automation, building automation, Light, gate and barrier control.

[Read more about #57735](#)

| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Web-IO 4.0 Time Switch 4xIn/Out | 57735 | 338,00 | 2535,00 |
| Options: Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Web-IO 4.0 Digital 16xIn/Out

Direct to intranet and internet via TCP/IP



Product Features:

- * 16 channels: Can be used optionally as inputs or outputs - 24V technology - Switching currents up to 250mA - 32-bit pulse counter
- * Intuitive Web interface for simpler operation
Select between German or English - Switching the outputs directly from the Web interface
Adaptation for smartphone - HTTP and HTTPS
- * Current Industry 4.0 protocols: OPC UA, REST and MQTT support - AMQP on request - Box-to-Box - Pass switching signals over the network 1:1

[Read more about #57736](#)

| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Web-IO 4.0 Digital 16xIn/Out | 57736 | 438,00 | 3285,00 |
| Options: Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

SIP Ring Switch 4xOut

Operate digital inputs / outputs via browser or over network



Product Features:

- * 4 switching outputs: 24V technology - Switching of 230V and other voltages possible using coupling relays - Switching currents up to 500mA - Turn on, off or toggle - Output switching pulses
- * Intuitive Web interface for simple setup
- * Intuitive Web interface for simple setup: Switching outputs also directly from the web interface - Adapted representation for smart phones - HTTP and HTTPS - Compatible with current Voice-over-IP solutions:e.g. Asterisk.
- * Alarm and reporting functions: Email when dialing certain numbers - FTP log of when which output was switched.

[Read more about #57753](#)



Description

SIP Ring Switch 4x Out

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

57753

Euro

438,00

DKK

3285,00

11021

21,00

158,00

Web-IO 4.0 Time Switch 4xIn/Out

Operate digital inputs / outputs via browser or over network



Product Features:

- * 4 switching outputs: 24V technology - Switching of 230V and other voltages possible using coupling relays - Switching currents up to 500mA - Turn on, off or toggle - 32 bit pulse counter
- * Intuitive Web interface for simple setup
- * Intuitive Web interface for simple setup: Switching outputs also directly from the web interface - Adapted representation for smart phones - HTTP and HTTPS - Compatible with current Voice-over-IP solutions:e.g. Asterisk.
- * Alarm and reporting functions: Email when dialing certain numbers - FTP log of when which output was switched.

[Read more about #57735](#)

With the Web-IO 4.0 time switch, switching signals can be controlled by defaults in a calendar file. The calendar files can either be loaded into the Web-IO via the web interface or the Web-IO can call up the switching times independently from an online calendar (Google, Apple iCloud or similar).

Description

Web-IO 4.0 Time Switch 4xIn/Out

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

57735

Euro

338,00

DKK

2535,00

11021

21,00

158,00

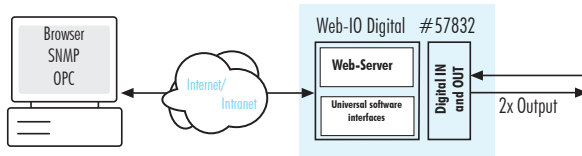
Web-IO 4.0 Digital 230V Relay 1xNO, 1xCO

Operate digital inputs / outputs via browser or over network



Product Features: [Read more about #57832](#)

- * 2 switching outputs:
 - 1 x potential-free normally open contact for 230V mains
 - 1 x potential-free changeover contact for 230V mains
- * Switching currents up to max. 16A
- * Current Industry 4.0 protocols:
 - OPC UA, REST and MQTT support, - AMQP on request,
- * Box-to-Box: Pass switching signals over the network 1:1
- * Alarm and reporting functions: Email for alarm sending or as status report
 - SNMP polling / alarm traps
 - Switching your outputs in alarm situations, Switching the outputs on another Web-IO



Description

Web-IO 4.0 Digital 230V Relay 1xNO, 1xCO

Art no.

57832

Euro

238,00

DKK

1785,00

Web-IO 4.0 Digital 230V Relay 4xNO, 4xCO

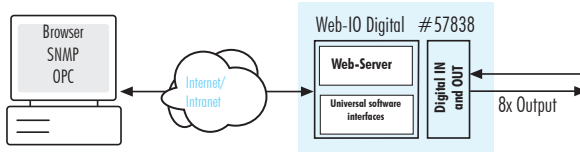
Operate digital inputs / outputs via browser or over network



Product Features:

- * 8 switching outputs:
 - 4 x potential-free normally open contact for 230V mains
 - 4 x potential-free changeover contact for 230V mains
- * Switching currents up to max. 6A
- * Current Industry 4.0 protocols: OPC UA, REST and MQTT support, - AMQP on request,
- * Box-to-Box: Pass switching signals over the network 1:1
- * Alarm and reporting functions: Email for alarm sending or as status report
 - SNMP polling / alarm traps, Switching your outputs in alarm situations
 - Switching the outputs on another Web-IO, HTTP requests for controlling third-party devices

[Read more about #57838](#)



Description

Web-IO 4.0 Digital 230V Relay 4xNO, 4xCO

Art no.

57838

Euro

338,00

DKK

2535,00

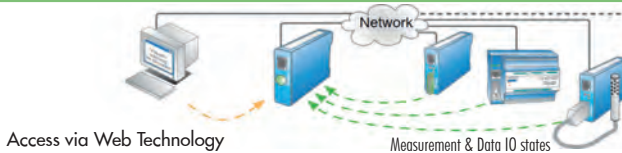
Motherbox 3 - Test Data concentrator including open web servers for individual applications



Basic technical data:

- * Compact Web Server in 105 x 75 x 22mm
- * Network port (RJ45) with 10/100BaseT, auto sensing and auto crossing
- * Power supply via Power over Ethernet or 24 ... 48V DC via screw terminals
- * typical current consumption of only 100mA @ 24V
- * CPU Coldfire MCF54450
- including memory management unit (MMU)
- Watchdog timer internally and externally
- NAND Flash: 1GB (available for user data: 750MB)

[Read more about #50504](#)



Use the Motherbox to archive measurement data from any number of analog and digital Web-IO's, as well as Web-Thermographs. Simply specify an individual interval for each available measuring point in the network at which you want the current measuring data to be automatically queried and archived in the MySQL database contained in the Motherbox.

Combine archived data points on the profiles and generate meaningful measurement surveys.

The cyclical polling of the Web-IOs allows a consolidated measurement database to be created in the Motherbox. In the browser you can view archived measurement data or directly access the measurement database via the MySQL interface, or FTP export for migrating data for applications.

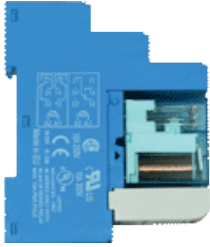
- Thanks to web-based management complete configuration and operation through the browser
- web inventory of web-based IOs per WuTility
- Central database of measurements from any number of Web-IO, Accessed via standardized interfaces (browser, ODBC, SOAP)
- Combine measurements of different Web-IOs in data profiles and Create application-specific overviews
- Web server to use for your applications and Web and PHP pages Upload via FTP to the Motherbox
- PHP scripts, CRON and event-driven (eg server) be executed
- 750MB for user files (data bank, own web pages and PHP)
- Secure transmission through HTTPS encryption
- Combination of multi-color LED and push button for system status and device reset
- Battery-Clock: The clock continues to run even when the device and is available immediately after power
- Power consumption <2.5 W at full system load
- With time server, which in its time synchronization requests from clients answered in accordance with NTP
- Processor and memory:
 - Marvell 88F6180
 - Flash: 1 GB (NAND)
 - RAM: 128 MB (DDR2)
- Operating system: BusyBox: v1.31.1 - Kernel: v4.4.226
- Installed software: ProFTPD: v1.3.6 - NGINX: v1.16.1 - Samba: v3.6.25 - PHP: v7.2.27 - MariaDB: v10.2.29
- SQLite: v3.29.0

• **Look youtube video:** [Click here](#)

| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Motherbox 3 | 50504 | 328,00 | 2460,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Coupling relay 230V / 16A, 1 changeover contact

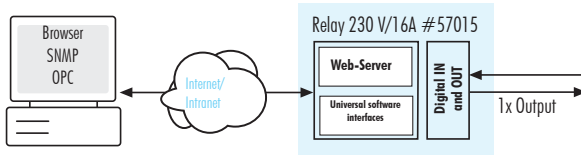
Operate digital inputs / outputs via browser or over network



Product Features:

- * Coupling relay 1x changeover 230V
- * Contacts
 - Number of contacts: 1 changeover
 - Max. switching power AC1: 4000VA
 - Rated voltage: 250V
 - Max. switching voltage: 400V
- * Coil
 - Rated voltage: 24V DC
 - Rated power: 0.5W

[Read more about #57015](#)



Description

Coupling relay 230V / 16A, 1 changeover contact

Art no.

57015

Euro

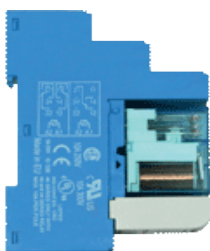
22,00

DKK

165,00

Coupling relay 230V / 16A, 1 changeover contact

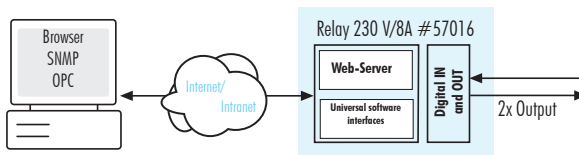
Operate digital inputs / outputs via browser or over network



Product Features:

- * Coupling relay 2x changeover 230V
- * Contacts
 - Number of contacts: 2 changeover
 - Max. switching power AC1: 2000VA
 - Rated voltage: 250V
 - Max. switching voltage: 400V
- * Coil - Rated voltage: 24V DC - Rated power: 0.5W

[Read more about #57016](#)



Description

Coupling relay 230V / 16A, 2 changeover contact

Art no.

57016

Euro

22,00

DKK

165,00

Web-IO Analog Tunnel, detect, monitor and output and archive analogue measurements



[Copy link to Browser to look video:
https://www.youtube.com/watch?v=xsJPwjmZK5E](https://www.youtube.com/watch?v=xsJPwjmZK5E)

The Web-IO Analog-In/Out models include all functions in one box to capture analogue measured values, (0 to 20 mA or 0 to 10 V) to be tunnelled over the network for storage and display. In addition, there are numerous alarm and reporting functions available to the user to integrate into their own specific applications, or into existing systems (Modbus, OPC, SNMP).



W&T makes it easy to use their products and associated software is free.
Support directly to the developer provides optimal solutions.

Web-IO Analog In / Out 2x 0/4..20mA

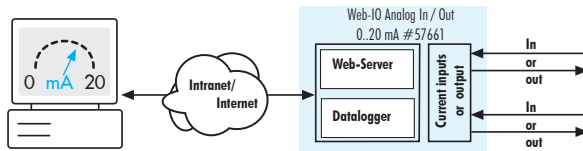
Capture, monitor, tunnel, and archive 0..20 mA signals



Product Features:

- * Active Current Input 0 to 20 mA, resolution of 2.5 uA
- * Short circuit and open-loop detection
- * Power output: 0/4..20mA, max. 500ohm, 10V supply guarantees
- * Box-to-box mode tunnels analog signals between two devices.
- * Analog outputs per socket command input or set slider.
- * Network Interface: 10/100BaseT autosensing
- * Power Supply: PoE or 18 volts DC .48
- * Supports Modbus.

[Read more about #57761](#)



Description

Web-IO Analog-In/Out 2x 0...20mA PoE

Art no.

Euro

DKK

57761

338,00

2535,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Web-IO Analog In / Out 2x 0..10 V

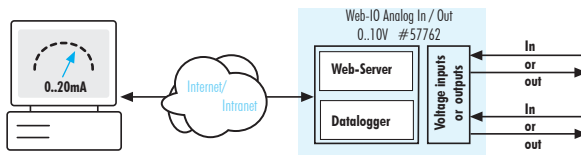
Capture, monitor, tunnel, and archive 0..10 V signals



Product Features:

- * Voltage input 0..10 V, resolution 1.25 mV
- * voltage output 0 to 10 V
- * Box2Box mode tunnels analog signals between two devices
- * Analog outputs per socket command input or set slider
- * Data Logger min. 150 days, max. 99 years
- * Network Interface: 10/100BaseT autosensing
- * Power Supply: PoE or 18 volts DC .48
- * Supports Modbus

[Read more about #57762](#)



Description

Web-IO Analog-In/Out 2x 0..10 V PoE

Art no.

Euro

DKK

57762

338,00

2535,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Microwall VPN

Safe island safely serviced remotely



Product Features:

- 2x Ethernet 100/1000BaseT: Autosensing and Auto-MDIX
- * High data throughput: Gigabit Ethernet
 - max. 900 mbps in router mode, max. 300 mbps VPN
 - Low latency times thanks to powerful hardware platform
- * Secure firmware concept with Secure Boot
 - No uploading of manipulated firmware or third-party firmware
- * Configuration via HTTPS-Only Mode: - Supports individual certificates
- * Fast startup using WuTility or DHCP, * Required password without default login
- * Port management for all local services and Logging/identification of undesired communication attempts
- * [Read more about #55211](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Microwall VPN | 55211 | 448,00 | 3360,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Microwall IO

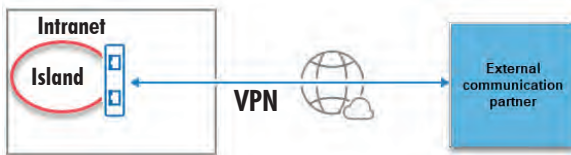
Safe island safely serviced remotely with 2x IO



Product Features:

- * 2x Ethernet 100/1000BaseT: Autosensing/Auto-MDIX
- * High data throughput: max. 900 mbps in router mode, max. 300 mbps VPN
- * 2 switching inputs + 2 switching outputs
- * 24V inputs + outputs - * Outputs drive up to 500mA
- * Secure firmware concept with Secure Boot
 - No uploading of manipulated firmware or third-party firmware
- * Configuration via HTTPS-Only Mode
- * Supports individual certificates
- * Port management for all local services

[Read more about #55212](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Microwall IO | 55212 | 448,00 | 3360,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Fixed Defined Firewall

Links computers to networks with no feedback



Product Features:

- * 2x Ethernet 100 BaseT
 - Autosensing/Auto-MDIX
- * Secure firmware concept with Secure Boot
 - No uploadinvvvg of manipulated firmware or third-party firmware
- * Power-over-Ethernet (PoE)
 - Phantom power using data pairs
- * Port management for all local services

[Read more about #55312](#)

Network one-way street

The Fix Defined Firewall links computers to networks with no feedback, so that the computers are able to receive only. All received network packets are passed on in one direction to the reading host. Data traffic to the safe network is not possible - neither from the reading computer nor from the firewall itself.

| Description | Art no. | Euro | DKK |
|--|---------|--------|----------|
| Fix Defined Firewall | 55312 | 558,00 | 4.185,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Microwall Bridge

Protect machines and systems - without interfering with the IP setup



Product Features:

- * 2x Ethernet 100/1000BaseT - Autosensing/Auto-MDIX
- * High data throughput: Gigabit Ethernet, 900MBit/s, Low latencies due to powerful hardware platform
- * Implementation as a bridge
 - No intervention in the IP configuration of the devices involved
- * Secure firmware concept with Secure Boot
- * Power-over-Ethernet (PoE): Phantom power using data pairs
- * External supply: Screw terminal connection 24V-48V DC
- * Port management for all on-premises services
 - All service/management services configurable/deactivatable

[Read more about #55411](#)

The segmentation of networks or the isolation of sensitive network areas is one of the basic measures of almost all IT security concepts for the protection of industrial environments. With the Microwall Bridge, the implementation of this measure is IP-transparent and the network configuration including routing of all components involved remains unchanged.

Based on a whitelist, only the explicitly desired communication between the island and the surrounding network is activated via simple and intuitive filter rules at TCP/UDP/IP level. Due to the protocol-transparent operation, the Microwall Bridge is particularly suitable for the subsequent segmentation of existing network environments.

| Description | Art no. | Euro | DKK |
|--|---------|--------|----------|
| Microwall Bridge | 55411 | 398,00 | 2.985,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

MQTT.box MQTT broker on the DIN rail



Product Features:

- * 2 x network
- * Configuration: Startup using WuTility (three clicks and you're done), Web-based management
- * Application: MQTT broker for the DIN rail, User Management
 - Access control via ACL (Access Control List)
- * External power: Screw terminal
- * Power-over-Ethernet (PoE)
 - Phantom power using data pairs

[Read more about #55990](#)

MQTT broker on the DIN rail

The MQTT.box is a high quality Mosquitto MQTT broker for DIN rail mounting. It enables communication between network-capable automation components using MQTT protocol. Thanks to the second network interface data can also be made available for an additional network segment without allowing access from one network to the other. The user management functionality lets devices located in the network to be authenticated with their own access data. With the additional configuration of an Access Control List (ACL) each user can be given "topic"-specific read and write authorization.

| Description | Art no. | Euro | DKK |
|--|---------|--------|----------|
| MQTT.box | 55990 | 448,00 | 3.360,00 |
| Options: | | | |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

Ethernet Switches

Ethernet Switch Industry



Product Features:

- * 2 x network
- * Configuration
 - Startup using WuTility (three clicks and you're done)
 - Web-based management
- * Application: MQTT broker for the DIN rail, User Management, Access control via ACL (Access Control List)
- * External power: Screw terminal
- * Power-over-Ethernet (PoE): Phantom power using data pairs

[Read more about #55604](#)

Networking in the control cabinet incl. 24V or PoE injection/extraction

The compact Industry-Switch connects up to four network components in the control cabinet. The Switch itself is powered via PoE or with 24-48V and can also power the connected components using PoE injection or a voltage output (PoE extraction).

| Description | Art no. | Euro | DKK |
|--|---------|--------|----------|
| Ethernet Switch Industry, 4 Port | 55604 | 218,00 | 1.635,00 |
| Options: | | | |
| Power supply for DIN rail, 48V / 0.83A DC (merchandise, 2-year manufacturer's guarantee) | 11089 | 52,00 | 390,00 |

FTP Data Station 3

FTP and Samba server for the rail



Product Features:

The FTP Data Station offers compact design, the functionality of an FTP and a Samba server. Access the internal Box memory or directly to a connected USB storage device.

- * 750MB internal memory
- * access to USB storage devices from the network
- * memory access from any FTP client, or via SMB share.
- * Power Supply: PoE or 24-48 volts DC

[Read more about #50543](#)

Description

FTP Data Station 3

Art no.

50543

Euro

218,00

DKK

1710,00

Optional Power Supply:

NT 24V / 0,625 A DC with Euro Plug

11025

33,00

248,00

rule.box

rule.box hub

Monitor and control using Node-RED



Product Features:

- * 2 x network
- * Configuration
 - Startup using WuTility (three clicks and you're done)
 - Web-based management
- * Application
 - Create automation flows using Node-RED
 - Display on Node-RED dashboard
 - Data storage via file system, MariaDB and SQLite

[Read more about #50920](#)

Implement automation tasks with the pre-installed, graphical development tool Node-RED. Determine the data flow between input and processing nodes by dragging connections in the browser-based editor.

Using pre-installed nodes you can read and control Web-IOs, Web Thermometers and Com-Servers from Wiesemann & Theis. The comprehensive range of nodes that can be added later enables both expansion of the processing functions and connection of devices from other manufacturers. The rule.box runs the created flows reliably and while saving energy. It is also possible to integrate non-public nodes on request.

Description

rule.box hub

Art no.

50920

Euro

598,00

DKK

4.485,00

Optional Power Supply:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

rule.box USB

Monitor and control using Node-RED



Product Features:

- * 2 x network
- * Configuration
 - Startup using WuTility (three clicks and you're done)
 - Web-based management
- * Application
 - Create automation flows using Node-RED
 - Display on Node-RED dashboard
 - Data storage via file system, MariaDB and SQLite

[Read more about #53920](#)

Implement automation tasks with the pre-installed, graphical development tool Node-RED. Determine the data flow between input and processing nodes by dragging connections in the browser-based editor. Using pre-installed nodes you can read and control Web-IOs, Web Thermometers and Com-Servers from Wiesemann & Theis. The comprehensive range of nodes that can be added later enables both expansion of the processing functions and connection of devices from other manufacturers. The rule.box runs the created flows reliably and while saving energy. It is also possible to integrate non-public nodes on request.

| Description | Art no. | Euro | DKK |
|--|---------|--------|----------|
| rule.box USB | 53920 | 598,00 | 4.485,00 |
| Optional Power Supply: Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

rule.box Digital 2x In, 2x Out

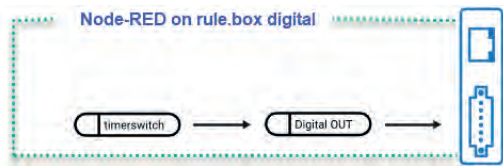
Monitor and control using Node-RED



Product Features:

- * 1 x network
- * 2 x switching inputs: digital 24V inputs, 32-bit pulse counter
- * 2 x switching outputs: digital 24V outputs, current driving up to 500 mA
- * Configuration: Startup using WuTility (three clicks and you're done)
 - Web-based management
- * Application: Create automation flows using Node-RED
 - Display on Node-RED dashboard
 - Data storage via file system, MariaDB and SQLite

[Read more about #57920](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|----------|
| rule.box Digital 2xIn, 2xOut | 57920 | 598,00 | 4.485,00 |
| Optional Power Supply: Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

rule.box RS232/422/485

Monitor and control using Node-RED



Product Features:

- * 1 x network
- * 1 x RS232/422/485 selectable
- * Configuration: Startup using WuUtility (three clicks and you're done), Web-based management
- * Application
 - Create automation flows using Node-RED
 - Display on Node-RED dashboard
 - Data storage via file system, MariaDB and SQLite

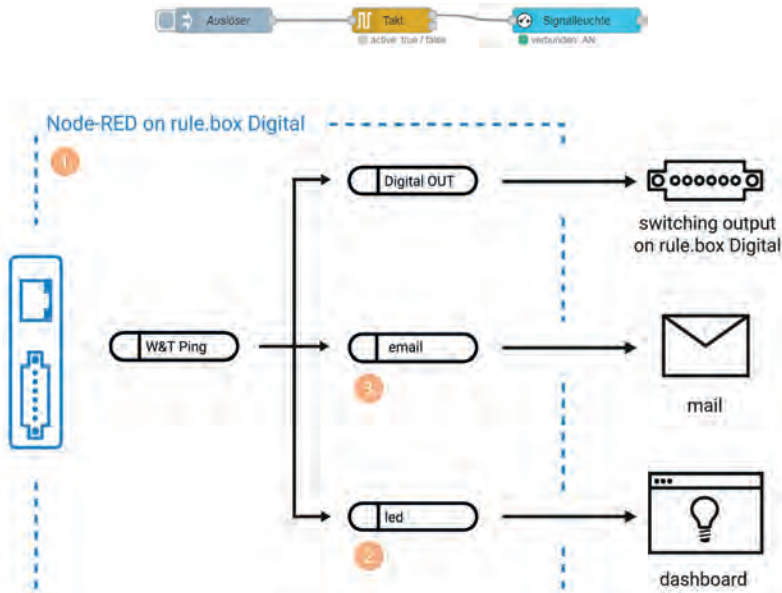
[Read more about #58920](#)

Automation with Node-RED.

Realize automation tasks with the pre-installed graphical development tool Node-RED. Determine the data flow between input, output and processing nodes by dragging connections in the browser-based editor. The serial combination interface of the rule.box can be accessed and read via Node-RED, making it easy to link serial terminal devices. Pre-installed nodes let you read and control Web-IOs, Web Thermometers and Com-Servers from Wiesemann & Theis. The wide range of available pre-installed nodes enables both expansion of the processing functions and linking devices from other manufacturers.

| Description | Art no. | Euro | DKK |
|--|---------|--------|----------|
| rule.box RS232/422/485 | 58920 | 598,00 | 4.485,00 |
| Optional Power Supply: Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |

The rule.box is the missing piece of the puzzle for implementing your automation tasks. With Node-RED as the programming environment you have everything you need for acquiring, processing and sending data. The various models let you connect digital IOs, serial terminal devices and USB devices.



W&T Com-Server

**Integrate serial devices into the network -
in a universal and flexible way**

The W&T COM Port Redirector provides Windows, and serially operating Windows programs, the ability to communicate over the network.

On the operating system virtual COM ports are installed, which respond to the applications as standard COM ports. Communication with the Terminal device is now, however, with the Com-Server over the network.

In Box-Box two Com-Servers can be connected to send serial data bi-directionally to the respective counterpart. There is no need for an additional computer, or software

In the current visualization and SCADA systems OPC is a vendor-neutral software interface for processing previously established external data points.

The W&T OPC Server is free for communication with W&T devices available. The implementation as a Windows background service allows you, in a few steps, to directly access the data.

For more information and commissioning support for Com-Server such as integration with SNMP, see www.actcom.dk and WuT.de. Or call directly at +45 7564 3399, it's our Technical team will assist you.

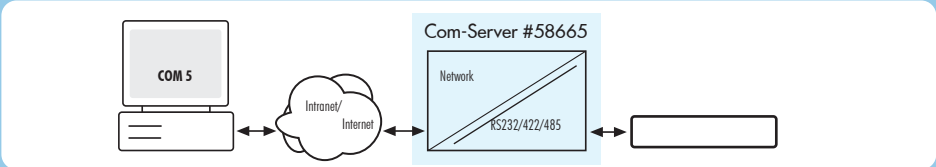
Com-Server ++ RS232/422/485 - Quick, Transparent, and Universal



Product Features:

- * Industrial DIN rail, 105 x 75 x 22mm
- * Network Interface: 10/100BaseT autosensing
- * Isolation min. 500 Volt
- * RS232, RS422, RS485 switchable
- * All standard serial up to 230.4 kbit/s
- * Power supply 24-48V DC or PoE* Transparent communication per:
 - Windows COM Port Redirector
 - Box-to-Box, TCP server socket, OPC server

[Read more about #58665](#)



Description

Com-Server Highspeed Industry

| Art no. | Euro | DKK |
|---------|--------|---------|
| 58665 | 318,00 | 2385,00 |

Optional:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

| | | |
|-------|-------|--------|
| 11020 | 21,00 | 158,00 |
|-------|-------|--------|

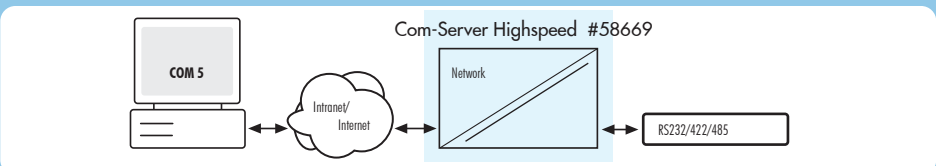
Com-Server Highspeed UL Com-Server UL, 10/100BT, 1x RS232/RS422/RS485



Product Features:

- * Industrial DIN rail, 105 x 75 x 22mm
- * Network Interface: 10/100BaseT autosensing
- * Isolation min. 500 Volt
- * RS232, RS422, RS485 switchable
- * All standard serial up to 230.4 kbit / s
- * Power supply 12-24V DC*US plug-in power supply included in scope of delivery
- * Middleware including: Windows Com Port Redirector, OPC Server

[Read more about #58669](#)



Description

Com-Server UL, 10/100BT, 1x RS232/RS422/RS485

| Art no. | Euro | DKK |
|---------|--------|---------|
| 58669 | 388,00 | 2910,00 |

Com-Server Highspeed PoE 20mA

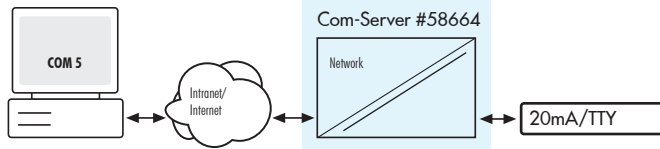
1 serial 20mA/TTY-Port Network Connection



Product Features:

- * Industrial DIN rail, 105 x 75 x 22mm
- * Network Interface: 10/100BaseT autosensing
- * Isolation min. 1500 Vrms
- * 1 x 20mA/TTY-interface, active / passive mode
- * standard 50-19200 baud
- * Power supply 24-48V DC or PoE
- * Software including: Windows Com Port Redirector, OPC Server

[Read more about #58664](#)



Description

Com-Server HighSpeed PoE 20mA
Optional:
Power Supply 24V / 0,22A

| Art no. | Euro | DKK |
|---------|--------|---------|
| 58664 | 338,00 | 2535,00 |
| 11021 | 21,00 | 158,00 |

Com-Server LC

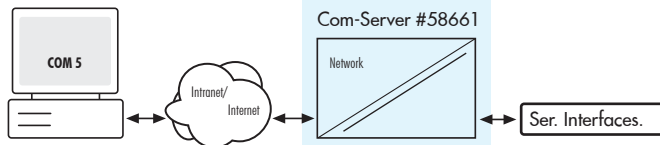
Simple network integration of RS232/422/485



Product Features:

- * A RS232/RS422/RS485 port into the network
- * All standard baud to 57,600 baud
- * Network Interface: 10/100BaseT autosensing
- * Power supply 24-48V DC or PoE
- * Supported modes: COM Port Redirector: Box-to-box, TCP Socket Server

[Read more about #58661](#)



Description

Com-Server HighSpeed PoE
Optional:
Power Supply 24V / 0,22A

| Art no. | Euro | DKK |
|---------|--------|---------|
| 58661 | 258,00 | 1935,00 |
| 11021 | 21,00 | 158,00 |

Com-Server Highspeed Isolated, 3ports

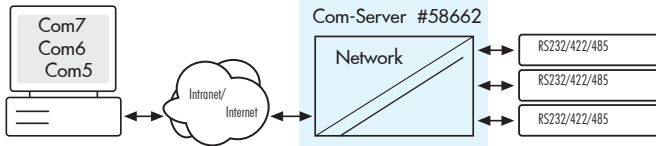
Isolated high-speed serial ports connected to the network



Product Features:

- * 1 kV galvanic isolation for each of the 3 ports
- * RS232, RS422, RS485 switchable
- * All standard serial up to 230.4 kbit/s
- * Network Interface: 10/100BaseT autosensing
- * Power supply: 12-24 V
- * Software including:- Windows Com Port Redirector
- OPC Server

[Read more about #58662](#)



Description

Com-Server Highspeed Isolated
 Optional power supply:
 Plug-in power supply, 24V / 500mA DC with Euro plug

| Art no. | Euro | DKK |
|---------|--------|---------|
| 58662 | 618,00 | 4635,00 |
| 11021 | 21,00 | 158,00 |

Office Version

Com-Server Highspeed Office, 4 Port

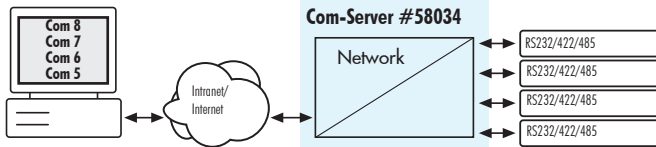
Table device for connection of 4 serial ports to the network



Product Features:

- * Robust metal housing with integrated power supply
- * 4x RS232, RS422, RS485 switchable
- * Optional 20mA/TTY (surcharge)
- * All standard serial up to 230.4 kbit / s
- * Network Interface: 10/100BaseT autosensing
- * With non-heating supply 100-230V / 50-60 Hz
- Software including: Windows Com Port Redirector, OPC Server

[Read more about #58034](#)



Description

Com-Server HighSpeed Office, 4 Port

| Art no. | Euro | DKK |
|---------|--------|---------|
| 58034 | 878,00 | 6585,00 |

Com-Server Highspeed OEM

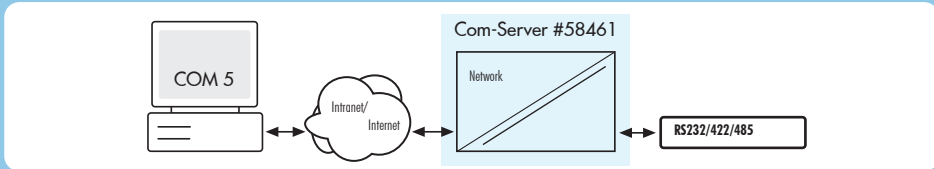
1 serial port connection to the network



Product Features:

- * Interfaces: 1x serial connection to the embedded system, Serial TTL level, All signals possible on pin headers.
- * 1x Ethernet 10/100BaseT - Auto-sensing/Auto-MDIX
- * alternative hardware assembly: RS232/RS422/RS485 version (extra charge) 20mA/TTY version (extra charge).
- * Extended protocol support: FTP client / server-Telnet client / server - UDP peer -BRIEFS - Wake on LAN.
- * Dimension: 95.8 x 71.1 mm (l x w)

[Read more about #58461](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| Com-Server Highspeed OEM, 10/100BT, 1 Port | 58461 | 288,00 | 2160,00 |

AT Modem Emulator

AT-Modem Emulator

Replacement of a dial-up route through LAN Modems

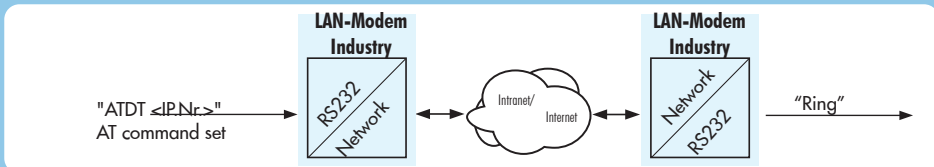


Product Features:

- * Industrial DIN rail, 105 x 75 x 22mm
- * Network Interface: 10/100BaseT autosensing
- * 1x RS232 interface, DB9 female connector
- * standard baud 1200-57600 baud
- * Power supply 12-48V DC

Older systems require the exchange of data a device connected to the RS232 dial-up modem. The maximum at a data rate of 57.6 kbaud working RS232 port on the LAN modem emulates the modem AT command set and converts it to TCP / IP 10/100 Mbps.

[Read more about #58666](#)



| Description | Art no. | Euro | DKK |
|---|---------|--------|---------|
| LAN Modem Industry | 58666 | 438,00 | 3285,00 |
| Optional Power Supply NT 24V / 0,22 A DC connector with Euro pin | 11021 | 21,00 | 158,00 |

Com-Server tools

| Description | Art no. | Euro | DKK |
|---|---------|-------|--------|
| SoftwareTools | | | |
| COM Port Redirector for Windows 95/98 | 00101 | 0,00 | 0,00 |
| COM Port Redirector for Windows NT/2000 | 00102 | 0,00 | 0,00 |
| Wutility Management and inventorying tool | 00104 | 0,00 | 0,00 |
| OPC Server | 00103 | 0,00 | 0,00 |
| PC-PC Softlink | 58136 | 98,00 | 735,00 |
| Com-Server accessories | | | |
| Wall mount for DIN rail housings | 58812 | 11,20 | 84,00 |
| DIN rail for 19" housings | 58813 | 21,00 | 158,00 |
| Interface retrofit incl. Module | 18www | 25,60 | 192,00 |

USB-Server Megabit 2.0 / Gigabit 2.0

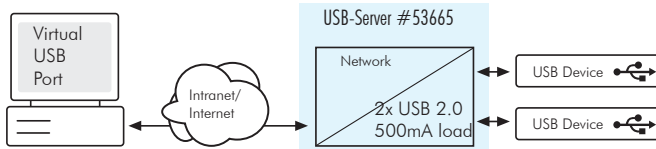
- USB devices anywhere in the network -



Product Features:

- * 2 full USB ports with max. 500mA load
- * Full TCP/IP support incl. routing and DNS
- * Power supply via PoE or 24-48V DC
- * Complies with USB 2.0 specification: Data rate: 1.5 / 12 / 480 MBit / s, Backward compatible with USB 1.1 and USB 1.0, Supports all USB modes: Control, Bulk,
- * Remote configuration via Web Based Management
- * Plug and play: including drivers to: XP/2003/ Vista/2008/7/2008R2/8/2012 incl. Server-, 64-bit editions and virtual systems.

[Read more about USB-Server](#)



Description

| Description | Art no. | Euro | DKK |
|---|---------|--------|---------|
| USB Server Megabit 2.0 | 53665 | 298,00 | 2235,00 |
| USB Server Gigabit 2.0 | 53663 | 348,00 | 2610,00 |
| Transfer box LAN-USB (Specification at webshop) | 53763 | 428,00 | 3210,00 |
| Optional Power Supply: NT 24V / 0,625 A DC with Euro Plug | 11025 | 33,00 | 248,00 |

USB Interfaces, Isolators, Hub

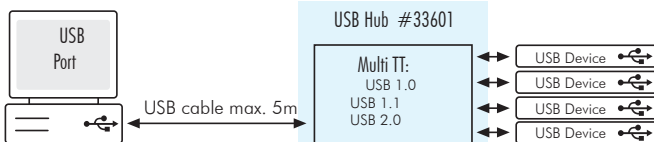
4 Port USB expansion for industrial areas



Product Features:

- * Full speed USB 2.0 - compatible with USB 1.0 / 1.1
- * Power supply: 24 .. 48V DC (+/-10%) from external power supply.
- * Compact USB hub for the industrial environment:
 - Immunity EN 61000-6-2
 - DIN rail mounting possible
 - Extended temperature range 0 - 70 °C
- * All four ports with 500mA load
- * Plug and play without driver

[Read more about #33601](#)



Description

| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| USB Hub Industry | 33601 | 198,00 | 1485,00 |
| Optional power supply: NT 24V / 0,625 A DC with Euro plug | 11025 | 33,00 | 248,00 |

Interface USB <> RS232/422/485 or 20mA

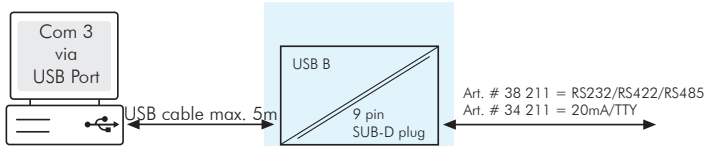
1kV isolation with overvoltage protection



Product Features:

- * Designed for industrial use by: Immunity EN 61000-6-2, Housing for DIN rail mounting DIN EN 50022-35
- * USB powered or external 5V power supply: 38 211
- * Selectable operating modes: - RS232 / RS422 / RS485 2 - and 4-wire
- * Switchable Operating Modes 34 211 (20mA/TTY): Active / passive mode
- Full- and half-duplex with echo cancellation
- * Drivers for Windows, Linux and Mac

[Read more about #38211](#)



Description

USB <> RS232/RS422/RS485 Industry, Bus powered
 USB <> 20mA Industry, Bus powered
 Optional power supply:
 NT 5V / 1.0A DC with Euro plug

Art no.

38211

Euro

168,00

DKK

1260,00

34211 168,00 1260,00

11046 17,00 128,00

USB <> RS232 interface cable 2

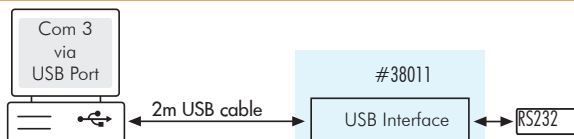
Handy 2 m long cable solution



Product Features:

- * Interface 9-pin SUB-D integrated housing
- * Power supply via USB
- * Meets immunity standard EN61000-6-2
- * USB 2.0 Full Speed device (12Mb / s)
- * Supports all RS232 data & handshake Lines: RxD, TxD, RTS, CTS, DSR, DTR, DCD, RI
- * Serial baud rates of up to 1 Mbaud
- * RS232 connector: 9-pin. plug, DTE
- * Drivers for Windows, Linux and Mac

[Read more about #38011](#)



Description

USB <> RS232 interface cable 2

Art no.

38011

Euro

55,00

DKK

413,00

USB Isolator, 1kV

Adapter solution with 25cm cable



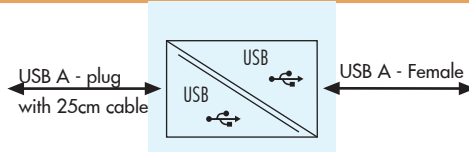
Product Features:

- * insulator in small plastic housing 55x30x16mm
- * USB Speed-configurable: Low Speed (1.5 Mbps), Full Speed (12 Mbps)
- * External power supply to the downstream side: allows the connection of power-hungry USB

Appliances

- * Contains: 1 x USB-Isolator, 1kV
- 1x USB Power Adapter 5V / 0.7A
- 1x Power cable USB-A/Mini-USB

[Read more about #33001](#)



Description

USB Isolator 1kV

Art no.

33001

Euro

118,00

DKK

885,00

USB Isolator Industry, 4kV

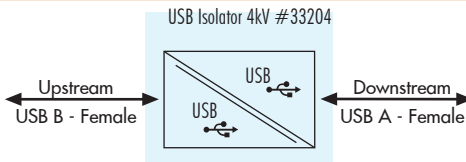
USB Isolator for rail



Product Features:

- * insulator in railmount 105x75x22mm
- * USB Speed -configurable: Low Speed (1.5 Mbps), Full Speed (12 Mbps)
- * Current consumption 100mA load + 1.3
- * (load = demand of the connected USB slave)
- * Output current: Bus power supply: max lout = 300mA with power supply: max lout = 1000mA
- * Contains: 1 x USB isolator, 4kV: USB-A/USB-B 1x cable (2m)

[Read more about #33204](#)



Description

USB Isolator 4kV

Art no.

33204

Euro

218,00

DKK

1635,00

Optional power supply:

NT 5V / 0.2A DC plug with Euro

11046

17,00

128,00

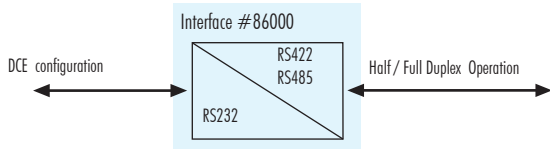
Interface RS232 <=> RS422/RS485 Compact Compact adapter solution



Product Features:

- * Interface in small plastic housing: 63x54x16mm
- * 25-pin SUB-D connector
- * Selectable operating modes: RS 422, RS 485 with handshake or automatic control
- * Built-in termination for RS485 operation
- * No adjustment of transmission parameters necessary
- * Power supply included

[Read more about #86000](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| RS232 <=> RS422/RS485 Compact | 86000 | 148,00 | 1110,00 |
| Optional: 9-pol. Adapter cable for compact converters | 11574 | 0,00 | 0,00 |

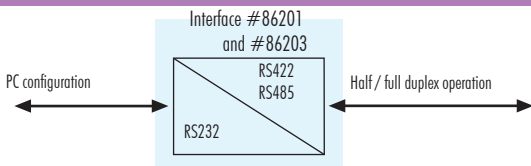
RS232 <=> RS422/RS485 Industry With galvanic isolation of min. 1kV



Product Features:

- * Interface, DIN rail housing: 105x75x22mm
- * Built-in surge protection (only 86 203)
- * 9-pin SUB-D connector
- * Selectable operating modes: RS 422, RS 485 Half-/ Full-Duplex operation with handshake or automatic control
- * Switchable termination for RS485 operation
- * No adjustment of transmission parameters necessary
- * Power supply: 12..24 V AC/ DC

[Read more about #86201](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| RS232 <=> RS422/RS485 Industry | 86201 | 168,00 | 1260,00 |
| RS232 <=> RS422/RS485 In dustry with surge protection | 86203 | 218,00 | 1635,00 |
| Optional: Power Supply 24V / 0,22 A DC | 11021 | 21,00 | 158,00 |

RS232 <> 20mA Compact

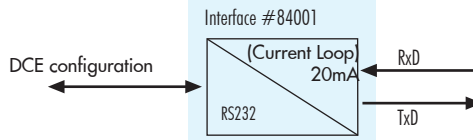
20mA interface in a dongle housing



Product Features:

- * Compact adapter solution
- * 25-pin SUB-D connector
- * Galvanic isolation with 1kV in passive mode
- * Active / passive mode for transmitting and receiving loop set separately
- * No adjustment of transmission parameters necessary
- * Power supply included

[Read more about #84001](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| RS232 <> 20mA Compact | 84001 | 148,00 | 1110,00 |
| Optional: 9-pol. Adapter cable for compact converters | 11574 | 0,00 | 0,00 |

RS232 <> 20mA Industry

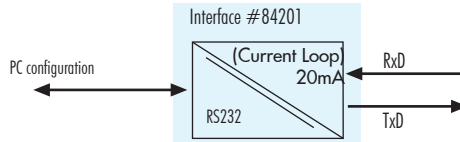
Electrical isolation of min. 1kV in all modes



Product Features:

- * Interface, DIN rail housing: 105x75x22mm
- * 9-pin SUB-D connector
- * Active / passive mode for transmitting and receiving loop set separately
- * Half-duplex operation with echo cancellation
- * Power supply: 12..24 V AC / DC
- * No Adjustment of RS232 parameters necessary

[Read more about #84201](#)



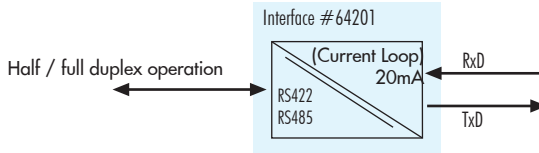
| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| RS232 <> 20mA Industry | 84201 | 168,00 | 1260,00 |
| Optional: Power Supply 24V / 0,22 A DC | 11021 | 21,00 | 158,00 |

Interface RS422/RS485 <=> 20mA Industry



Product Features:

- * Interface, DIN rail housing: 105x75x22mm
 - * 9-pin SUB-D connector
 - * 20mA: Active / passive mode for transmitting and
 - * Receiving loop can be adjusted separately
 - Half-duplex operation with echo cancellation
 - * RS422/RS485 Selectable operating modes: RS 422, RS 485 Half-/ Full Duplex operation with handshake or automatic control
 - * Power supply: 12 .24 V AC / DC
- [Read more about #64201](#)



| Description | Art no. | Euro | DKK |
|---|---------|--------|---------|
| Interface RS422/RS485 <=> 20mA Industry | 64201 | 168,00 | 1260,00 |
| Optional power supply 24V / 0,22 A DC | 11021 | 21,00 | 158,00 |

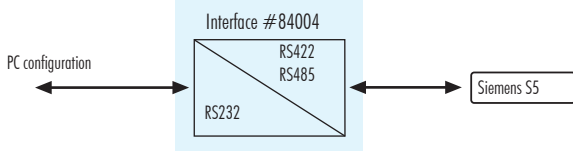
RS232 <=> 20mA S5 Interface Cable Galvanic isolation with an insulation voltage of 4 kV



Product Features:

- * Ready for connection RS232 <=> Siemens S5
- * RS232 port: 9-pin. SUB-D connector, Ready to plug for PC
- * 20mA Connector: 15 pol. SUB-D connector, Plug compatible with Siemens S5
- * 4-meter connection cable
- * Power supply from the RS232/20mA signals, therefore no power supply needed.

[Read more about #84004](#)



| Description | Art no. | Euro | DKK |
|-----------------------------------|---------|--------|---------|
| RS232 <=> 20mA S5 Interface Cable | 84004 | 148,00 | 1110,00 |
| Centronics <=> RS232 | 28000 | 228,00 | 1710,00 |

RS232 > Centronics, self powered



Product Features:

- * 1 x RS232 to 9-pin PC-COM port
 - Pluggable to 25-pin PC COM ports via supplied mini gender changer #11570
 - Pluggable to 25-pin terminal AUX ports via supplied mini gender changer #11580
- * 1 x Centronics 36-pin plug integrated in interface housing
- * No additional power source required

[Read more about #82000](#)

Use parallel printers isolated on serial interfaces

The model 82000 Interface connects Centronics printers or plotters to RS232 data sources, is powered from the signal lines and requires no additional power supply

| Description | Art no. | Euro | DKK |
|----------------------------------|---------|--------|--------|
| RS232 > Centronics, self powered | 82000 | 128,00 | 960,00 |

RS232 > Centronics, 5kV isolated



Product Features:

- * 1 x RS232 to 9-pin PC-COM port
 - Pluggable to 25-pin PC COM ports via supplied mini gender changer #11570
 - Pluggable to 25-pin terminal AUX ports via supplied mini gender changer #11580
- * Galvanic isolation between the ports
 - Isolation voltage 5kV
- * 1 x Centronics 36-pin plug integrated in interface housing
- * No additional power source required

[Read more about #82005](#)

Use parallel printers isolated on serial interfaces

The model 82005 Interface connects Centronics printers or plotters to RS232 data sources with galvanic isolation, is powered from the signal lines and requires no additional power supply

| Description | Art no. | Euro | DKK |
|----------------------------------|---------|--------|---------|
| RS232 > Centronics, 5kV isolated | 82005 | 168,00 | 1260,00 |

RS232 > Centronics, 1+1 Kbyte



Product Features:

- * 1 x RS232 to 9-pin PC-COM port
- Pluggable to 25-pin PC COM ports via supplied mini gender changer #11570
- Pluggable to 25-pin terminal AUX ports via supplied mini gender changer #11580
- * 1 x Centronics 36-pin plug integrated in interface housing
- * Convenient startup: Automatic detection of the RS232 parameters

[Read more about #82009](#)

Output serial data on parallel printers

The model 82009 Interface connects parallel printers or plotters to any RS232 data source. Included serial adapters permit easy adapting to most common connection standards.

| Description | Art no. | Euro | DKK |
|-------------------------------|---------|--------|---------|
| RS232 > Centronics, 1+1 Kbyte | 82009 | 128,00 | 960,00 |
| RS422 > Centronics, 1+1 Kbyte | 62009 | 168,00 | 1260,00 |

20mA > Centronics, 1+1 Kbyte



Product Features:

- * 1x 20mA: 25-pin SUB-D socket
- * 1 x Centronics 36-pin plug integrated in interface housing
- * Convenient startup: Automatic detection of the RS232 parameters
- * Interface for all purposes
 - Baud rates from 300 to 19200 baud
 - Electronic system discretely secured in the adapter housing of the printer cable
 - Large safety fifo for slow handshake procedures
 - Integrated print data buffer

[Read more about #42009](#)

Use Centronics printers on a TTY interface

The model 42009 Interface connects parallel printers or plotters to any 20mA data sources. The current loop interface can be operated active or passive, and the mode set individually for each of the two loops.

| Description | Art no. | Euro | DKK |
|------------------------------|---------|--------|---------|
| 20mA > Centronics, 1+1 Kbyte | 42009 | 168,00 | 1260,00 |

RS232 isolators, 1 kV / 4 kV

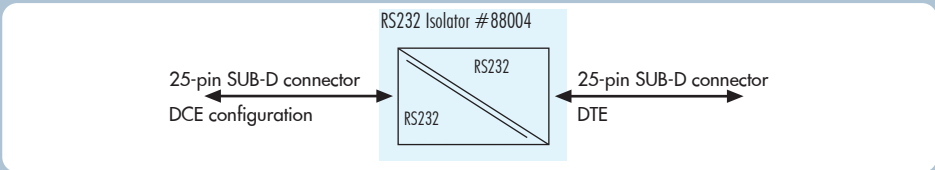
Galvanically isolated connection between two RS232 devices



Product Features:

- * Compact adapter solution
- * 25-pin SUB-D connector
- * Easy to use, true plug 'n play there ..
- .. No adjustment of transmission parameters required
- .. No power supply needed
- * Supported signals ..
- .. 88001: RxD, TxD
- .. 88004: RxD, TxD, RTS, CTS, DSR, DTR

[Read more about #88004](#)



| Description | Art no. | Euro | DKK |
|--|---------|--------|---------|
| RS232 Isolator, 1kV | 88001 | 88,00 | 660,00 |
| RS232 isolator, 4kV | 88004 | 138,00 | 1035,00 |
| Optional adapter kit 25-pin. on 9-pol. | 11573 | 21,00 | 158,00 |

RS232 isolator Industry, 1kV

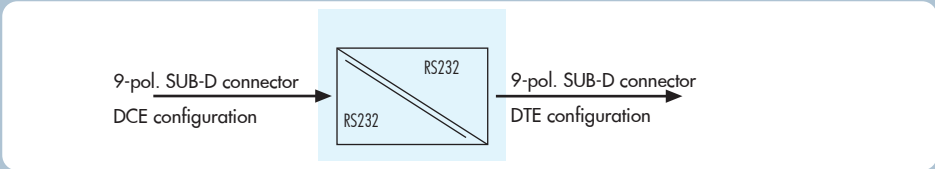
Active isolation with support for all RS232 signals



Product Features:

- * Isolator, DIN rail housing: 105x75x22mm
- * Transmission speed up to 115.200 baud
- * Galvanic isolation with an isolation voltage of 1000V
- * ESD strength of the signal cables up to 15kV HBM
- * No adjustment of transmission parameters required
- * Wide supply voltage range up to 24V

[Read more about #88205](#)



| Description | Art no. | Euro | DKK |
|---------------------------------------|---------|--------|---------|
| RS232 isolator Industry, 1kV | 88205 | 158,00 | 1185,00 |
| Optional power supply 24V / 0,22 A DC | 11020 | 19,00 | 142,50 |

RS232 , 50kV

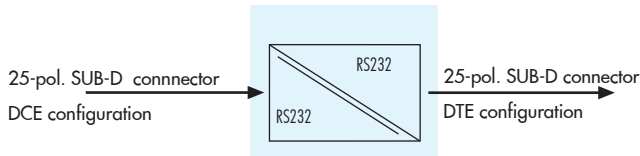
Active isolation with support for all RS232 signals



Product Features:

- * 2x RS232 ports
 - 25-pin SUB-D plug, DCE assignment
 - 25-pin SUB-D socket, DTE assignment
- * Galvanic isolation between the ports: Isolation voltage 50kV DC
- * Integrated into the cable
 - No re-configuration of transmission parameters required
 - Ideal between medical devices or high-voltage test equipment and a PC
 - Effective lightning protection as a connection cable

[Read more about #88050](#)



Description

RS232 , 50kV

Art no.

88050

Euro

158,00

DKK

1185,00

Optional power supply 24V / 0,22 A DC

11020

19,00

142,50

RS422/RS485-Isolator Industry

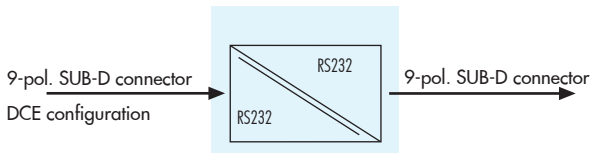
Galv. isolated connection of RS422 devices & RS485 busses



Product Features:

- * Isolator, DIN rail housing: 105x75x22mm
- * Transmission speed up to 3 Mbps
- * Automatic control in RS485 mode
- * No adjustment of transmission parameters required
- * Galvanic isolation with an isolation voltage of 1kV and integrated surge protection to prevent damage to the interfaces also under adverse conditions (only #66203)
- * Wide supply voltage range up to 24V

[Read more about #66201](#)



Description

RS422/RS485-Isolator Industry

Art no.

66201

Euro

168,00

DKK

1260,00

RS422/RS485-Isolator Industry with surge protection

66203

218,00

1635,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

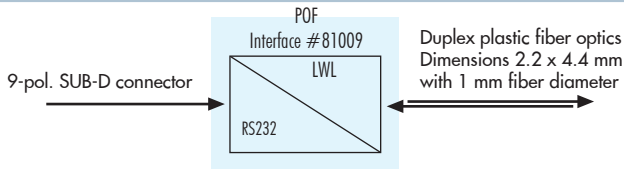
Interface Plastic fiber optic <> RS232 with 9-pin female connector for PC interface



Product Features:

- * Fiber optic interface sub-D connector housing
- * transmission speed up to 115.200 baud
- * transfer length 5 to 80 meters
- * 100% protection against radiation
- * installed easier than copper cable, thanks to patented FOC adapter.
- * No adjustment of transmission parameters required
- * supply from the RS232 signals

[Read more about #81009](#)



Description

FOC <> RS232, 9 pin for PC
FOC <> RS232, 9 pin for PC, Low Power

Art no.

81009
81029

Euro

118,00
118,00

DKK

885,00
885,00

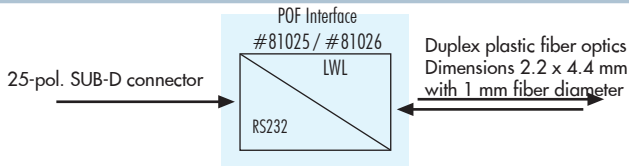
Interface Plastic fiber optic <> RS232 with 25-pin female / male



Product Features:

- * Fiber optic interface sub-D connector housing
- * transmission speed up to 115.200 baud
- * transfer length 5 to 80 meters
- * 81025 25 pol. SUB-D connector with DCE configuration
- * 81026 25 pol. SUB-D connector for DTE
- * installed easier than copper cable, thanks patented FOC connection
- * No adjustment of transmission parameters required.

[Read more about #81025](#)



Description

Interface FOC <> RS232, 25-pin, DCE
Interface FOC <> RS232, 25-pin, DTE

Art no.

81025
81026

Euro

138,00
98,00

DKK

1035,00
1035,00

Interface FOC <=> RS232 Industry

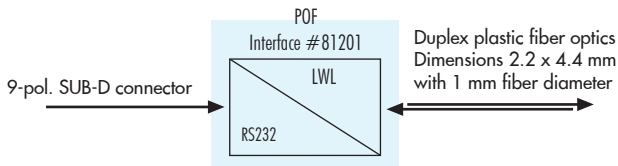
Plastic fiber optic interface for mounting on DIN rail



Product Features:

- * DIN rail enclosure: 105x75x22mm
- * Transmission speed up to 115.200 baud
- * Transfer length to 100 meters
- * Installed easier than copper cable, thanks to patented FOC adapter.
- * Self-powered 24V, therefore independent from the capability of the connected RS232 interface, so for notebook suitable interfaces.

[Read more about #81201](#)



Description

FOC <=> RS232 Industry
 FOC <=> RS422/485 Industry

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

81201

61201

11021

Euro

168,00

168,00

21,00

DKK

1260,00

1260,00

158,00

Fiber optic Repeater

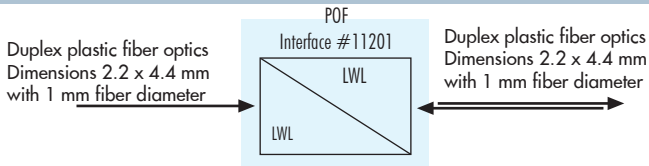
Plastic fiber optic interface for mounting on DIN rail



Product Features:

- * DIN rail enclosure: 105x75x22mm
- 2 x FO interface
 - Direct connection of the fiber optic cable without a connector
 - Alternate names: POF (polymer optical fiber, plastic optical fiber)
- * No re-configuration of transmission parameters required
 - 100% protection against interfering radiation
- * External Voltage supply:
 - 12V-24V AC/DC via plug-in screw terminal

[Read more about #11201](#)



Description

Fiber optic Repeater

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

11201

11021

Euro

168,00

21,00

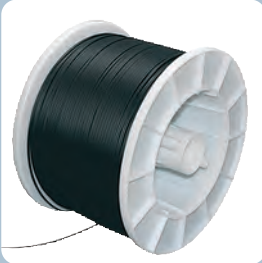
DKK

1260,00

158,00

Duplex plastic fiber optic cable

Cable for bi-directional data transfer

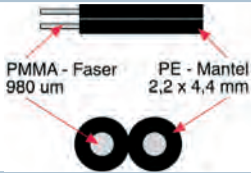


Product Features:

Installed easier than copper cable, thanks to the patented fiber optic connection of the W&T Interfaces.

- * 980nm PMMA step-index fiber
- * Attenuation: typically 0.14 dB / m @ 650 nm
- * Minimum bend radius: 25 mm
- * Weight: about 8 g / m
- * Operating temperature: -55 .. +85 ° C

[Read more about #81100](#)



Description

Duplex plastic fiber optic cable:

- Pre-fabricated meter
- Cable Reel, 500m

Cutting tool for fiber optic cable duplex

Art no.

Euro

DKK

| | | |
|-------|--------|---------|
| 81100 | 3,50 | 27,00 |
| 81500 | 778,00 | 5835,00 |
| 81600 | 438,00 | 3285,00 |

Serial converters for multimode fiber optic with ST connector

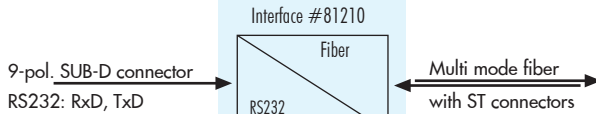
ST fiber-optic <> RS232 Transmission of RxD and TxD over fiber



Product Features:

- * Interface, DIN rail housing: 105x75x22mm
- * Transmission speed up to 230 kbps
- * fault-free and secure transmission over a Distance of up to 3800 meters
- * For duplex multimode fiber optic cable (ST) 50/125um or 62.5 / 125um
- * No adjustment of transmission parameters required
- * Wide supply voltage range up to 24V

[Read more about #81210](#)



Description

ST fiber-optic <> RS232

ST fiber-optic <> RS422/RS485

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

81210

61210

11021

Euro

218,00

218,00

21,00

DKK

1635,00

1635,00

158,00

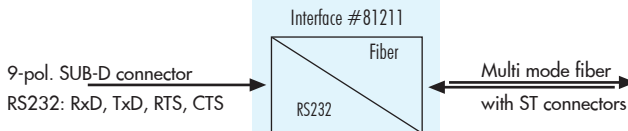
ST fiber optic <> RS232 with handshake Transmission of RxD, TxD, RTS and CTS over fiber



Product Features:

- * Interface, DIN rail housing: 105x75x22mm
- * Transmission speed up to 115 kbps
- * fault-free and secure transmission over a Distance of up to 3800 meters
- * For duplex multimode fiber optic cable (ST) 50/125um or 62.5 / 125um
- * No adjustment of transmission parameters required
- * Wide supply voltage range up to 24V

[Read more about #81211](#)



Description

ST fiber-optic <> RS232

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

81211

11021

Euro

438,00

21,00

DKK

3285,00

158,00

ST fiber-optic <> 20mA

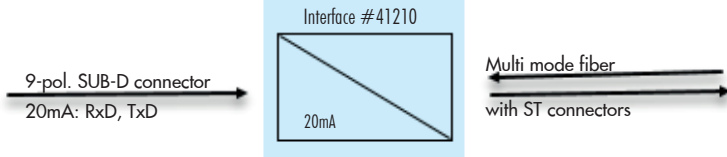
Transmission of RxD and TxD over fiber



Product Features:

- * Interface, DIN rail housing: 105x75x22mm
- * 1x 20mA
 - 9-pin Sub-D plug
 - Selectable active or passive mode
 - Alternate designations: Current loop, TTY, line current interface
- * 1 x multi-mode fiber optic cable
 - ST connector* No adjustment of transmission parameters required
- * Wide supply voltage range up to 24V

[Read more about #41210](#)



Description

ST fiber-optic <> 20mA

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

41210

Euro

218,00

DKK

1635,00

11021

21,00

158,00

RS485 <> Glass Fiber Optic Bus ST

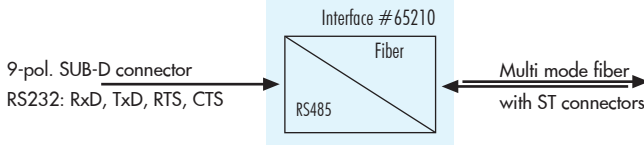
Transmission of RxD, TxD, RTS and CTS over fiber



Product Features:

- * Interface, DIN rail housing: 105x75x22mm
- * Transmission speed up to 115 kbps
- * fault-free and secure transmission over a Distance of up to 3800 meters
- * For duplex multimode fiber optic cable (ST) 50/125um or 62.5 / 125um
- * No adjustment of transmission parameters required
- * Wide supply voltage range up to 24V

[Read more about #65210](#)



Description

RS485 <> Glass Fiber Optic Bus ST

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

Art no.

65210

Euro

218,00

DKK

1.635,00

11021

21,00

158,00

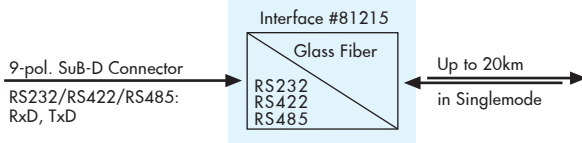
Universal FO Interface RS232/RS422/RS485 for singlemode and multimode glass fiber optics



Product Features:

- * Interface, DIN rail housing: 105x75x22mm.
- * SC/PC glass fiber optic connection.
- * Universal serial interface for singlemode and multimode glass fiber optic.
- * Transmission speed up to 500 kbps.
- * Noise-immune transmission over a distance of up to 20 km.
- * No adjustment of transmission parameters required.
- * Supply voltage 12..48V DC.

[Read more about #81215](#)



Description

Universal FO Interface RS232/RS422/RS485

Art no.

81215

Euro

438,00

DKK

3285,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

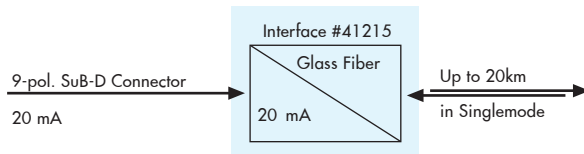
Universal FO Interface 20mA for singlemode and multimode glass fiber optics



Product Features:

- * Interface, DIN rail housing: 105x75x22mm.
- * SC/PC glass fiber optic connection.
- * Universal 20mA interface for singlemode and multimode glass fiber optic.
- * Active/Passive mode can be set individually for both loops.
- * Noise-immune transmission over a distance of up to 20 km.
- * No adjustment of transmission parameters required.
- * Supply voltage 12..48V DC.

[Read more about #41215](#)



Description

Universal FO-Interface 20mA

Art no.

41215

Euro

438,00

DKK

3285,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Fiber Optic Digital I/O Extender Set 2x2

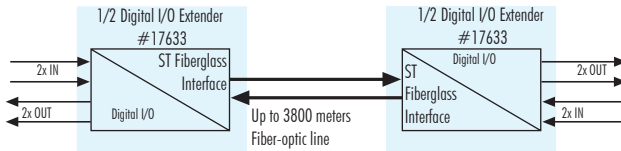
Remote switching of up to 3.8 km of fiber-optic 2x In 2x Out



Product Features:

- * transfer of I / O signals on up to 3800m
- Duplex multi-mode fiber 50/125um or 62.5 / 125um, ST plug.
- * Two digital outputs per converter 6V - 30V
- FET output current sourcing
- Short circuit protection by thermal fuse
- * Two digital inputs per converter
- Type 1, current sinking in accordance with IEC 1131-2
- Reverse polarity
- * 2 converters digital I/O <-> fiber-optic ST

[Read more about #17633](#)



Description

Digital I/O Extender Kit 2x2

Art no.

17633

Euro

558,00

DKK

4185,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Fiber optic digital I/O Extender Set 8x8

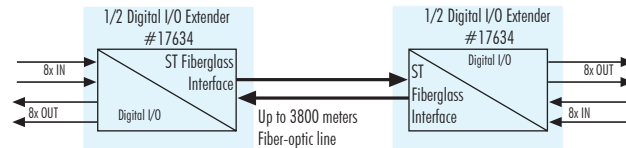
Remote switching of up to 3.8 km of fiber-optic 8x In / Out 8x



Product Features:

- * Transfer of I / O signals up to 3800m
- * Duplex multi-mode fiber 50/125um or 62.5 / 125um, ST plug.
- * Safety optimized solution:
- Integrated monitoring of the fiber connection. Status output of each converter
- Configurable output response when fiber-optic cable is interrupted.
- * 8 digital outputs per converter 6V - 30V
- * 8 digital inputs per converter
- * 2 converters digital I/O <-> fiber-optic ST

[Read more about #17634](#)



Description

Digital I / O Extender Kit 8x8

Art no.

17634

Euro

888,00

DKK

6660,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Digital-IO Extender Set, 8xIn / 8xOut Singlemode SC

Remote switching over fiber optic cable



Product Features:

- * 8 x digital output
 - FET, short-circuit protected, 8...30V / 0.5A
- * 8 x digital input: Polarity reversal protected
- * 1 x Single-Mode Glass Fiber Cable
 - SC connector
- * Noise-immune transmission of 16 I/O signals over a distance of up to 20km, e.g.:
 - in extremely noisy industrial environments
 - in areas subject to lightning strikes - between two distant buildings

[Read more about #17635](#)

Transmit contact signals over very long distances

The Digital-I/O Extender Set transmits up to 16 digital I/O signals over single-mode glass fiber ble.

The set consists of two Digital-I/O <=> glass fiber optics and supports eight I/O channels in each direction.

Description

Web-Count Digital 6x

Art no.

17635

Euro

998,00

DKK

7485,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

Line drivers

RS232 Line Driver Set Industry

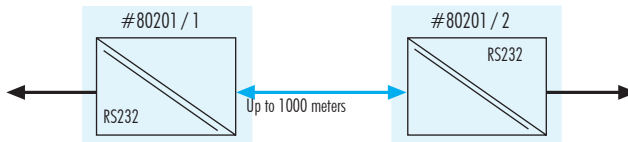
Line driver for connections up to 1000 meters apart



Product Features:

- * RS232 connection up to 1000 meters -
Just over a 4-wire / 8-wire cable
- * Transmission speed up to 115.200 baud
- * Galvanic isolation with an isolation voltage of 1000V
- * Built-in surge protection
- * No adjustment of transmission parameters required
- * Wide supply voltage range up to 24V

[Read more about #80201](#)



Description

RS232 Line Driver Set Industry

Art no.

80201

Euro

248,00

DKK

1860,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

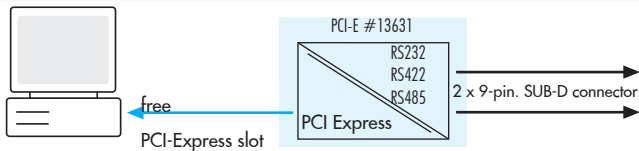
PCI Express - Card, 1kV isolation with 2x RS232/RS422/RS485 interfaces (switchable)



Product Features:

- * Compatible with PCI Express - Standard 1.1 and PCI Power Management 1.2 standard
- * 1 kV galvanic isolation between the PC and the two serial ports
- * UART with 128 byte FIFO and DMA capability to offload the CPU
- * Drivers for Windows 2000/XP/2003/Vista/2008/7 and Linux 2.6
- * Support for all data formats up to a baud rate:
 - RS232: 50 Baud .. 1 Mbaud
 - RS422/RS485: 50 Baud .. 3 Mbps

[Read more about #13631](#)



Description

PCI Express Card
2x RS232/RS422/RS485, 1kV isolation

Art no.

13631

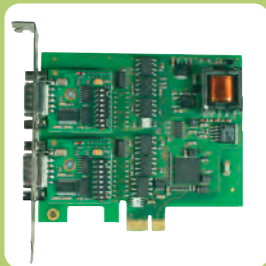
Euro

248,00

DKK

1860,00

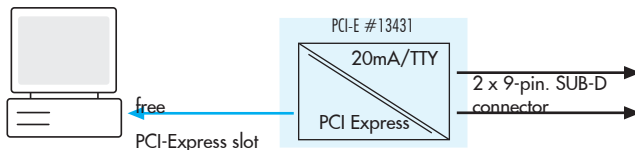
PCI Express - Card, 1kV isolation 2x 20mA interfaces with active or passive mode



Product Features:

- * Compatible with PCI Express - Standard 1.1 and PCI Power Management 1.2 standard
- * 1 kV galvanic isolation between the PC and the two serial ports
- * UART with 128 byte FIFO and DMA capability to offload the CPU
- * Drivers for Windows 2000/XP/2003/Vista/2008/7 and Linux 2.6
- * active or passive mode choice for all -20mA loops can be set separately

[Read more about #13431](#)



Description

PCI Express Card - 2x 20mA, 1kV isolation

Art no.

13431

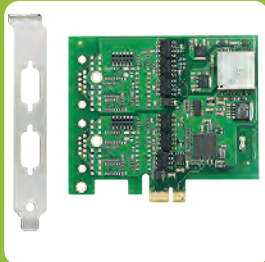
Euro

248,00

DKK

1860,00

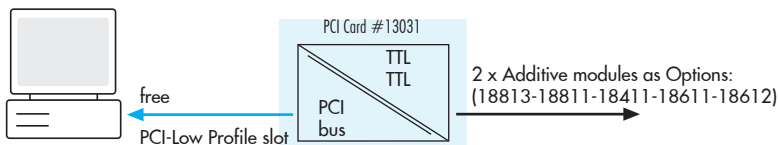
PCI Express Serial Mainboard 2 x TTL Interface



Product Features:

- * 2x TTL interface
- * 1x 32-bit PCIe bus
- * Galvanic isolation between the ports: Isolation voltage 1kV DC
- * Flexible interface selection: by selecting the serial interface modules
- * Two different serial ports on one PCIe card: R20mA, RS232, RS422, RS485, Profibus
- * UART with 128-byte FIFO and DMA capability for relieving the CPU
- * Compact "x1" plug-in card for any PCI Express slots
- * Compatible with PCI Express Standard 1.1 and PCI Power Management Standard 1.2

[Read more about #13031](#)



Description

PCI Express Serial Mainboard
1kV isolated, low profile

Art no.

13031

Euro

198,00

DKK

1485,00

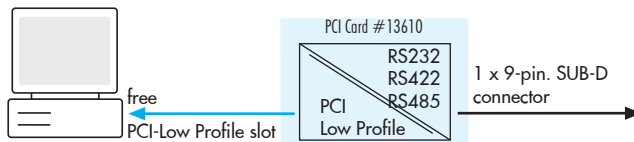
Low Profile PCI Card, 1kV isolation with 1x RS232/422/485 ports (switchable)



Product Features:

- * Serial PC Card for specific use in low profile - systems (dimensions: 122 x 64 mm)
- * Compatible with the PCI 2.2 standard for 5V PCI slots
- * 1 kV galvanic isolation between the PC and the serial interface
- * 4 x UART 16950 with 128-byte FIFO
- * Drivers for Windows 2000/XP/2003/Vista/2008/7
- * Support for all data formats up to a baud rate:
 - RS422/RS485: 50 Baud .. 460,800 baud

[Read more about #13610](#)



Description

PC Card PCI 1x RS232/422/485,
1kV isolated, low profile

Art no.

13610

Euro

208,00

DKK

1560,00

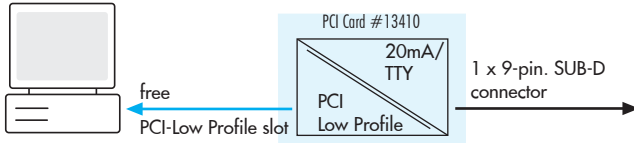
Low Profile PCI Card, 1kV isolation 1 x 20mA interface with active or passive mode



Product Features:

- * Serial PC Card for specific use in low profile - systems (dimensions: 122 x 64 mm)
- * Compatible with the PCI 2.2 standard for 5V PCI slots
- * 1 kV galvanic isolation between the PC and the serial interface
- * 4 x UART 16950 with 128-byte FIFO
- * Drivers for Windows 2000/XP/2003/Vista/2008/7

[Read more about #13410](#)



Description

PC Card 1x PCI 20mA,
1kV isolated, low profile

Art no.

13410

Euro

208,00

DKK

1560,00

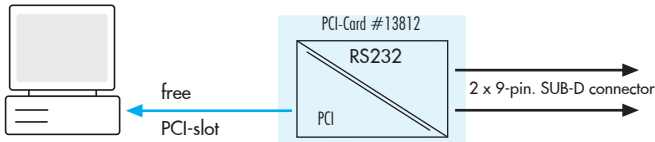
PCI card 2 x RS232, 1 kV isolation PCs with two galvanic isolated RS232 interface upgrade



Product Features:

- * Serial PC Card (dimensions: 120 x 106 mm)
- * Compatible with the PCI 2.2 standard for 5V PCI slots
- * 1 kV galvanic isolation between the PC and serial interfaces
- * At 2 additional ports expandable
- * Drivers for Windows 2000/XP/2003/Vista/2008/7
- * Support for all data formats up to a baud rate:
 - RS232: 50 Baud .. 230,400 baud

[Read more about #13812](#)



Description

PC Card PCI 2x RS232, 1kV isolated

Art no.

13812

Euro

218,00

DKK

1635,00

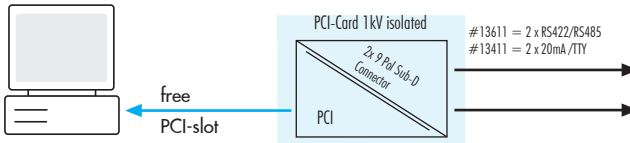
PCI card 2x RS422/RS485, 1kV isolated also available with 2x 20mA interfaces



Product Features:

- * Serial PC Card (dimensions: 120 x 106 mm)
- * Compatible with the PCI 2.2 standard for 5V PCI slots
- * 1 kV galvanic isolation between the PC and serial interfaces
- * At 2 additional ports expandable
- * Drivers for Windows 2000/XP/2003/Vista/2008/7
- * Support for all data formats up to a baud rate: - RS422/485: 50 .. 460,800 baud
- 20mA: 50 .. 57,600 baud (active or passive mode)

[Read more about #13611](#)



Description

PCI card 2x RS422/RS485, 1kV isolated

Art no.

13611

Euro

238,00

DKK

1785,00

PCI card 2x 20mA, 1kV isolated

13411

238,00

1785,00

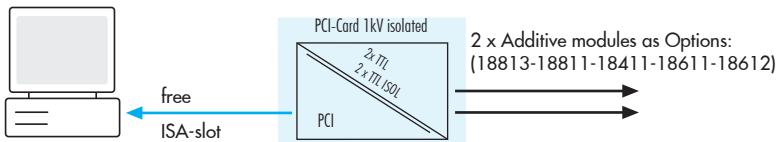
PCI Serial Mainboard Upgrading PCs to 2 serial ports



Product Features:

- * 2x serial TTL interfaces with galvanic isolation
- * 2x serial TTL interfaces without galvanic isolation
- * 1x 32-bit PCI bus
 - Universal Voltage Card for 3.3V and 5V PCI systems
- * Galvanic isolation between PC, Port 1 and Port 2: - Isolation voltage 1kV
- * 20mA, RS232, RS422, RS485 and profibus can be combined on one card
- * 4 x UART 16950 with 128-byte FIFO
- * Plug-and-play: automatic configuration of base address and interrupt

[Read more about #13011](#)



Description

Serial PCI base board, 1kV isolated

Art no.

13011

Euro

188,00

DKK

1410,00

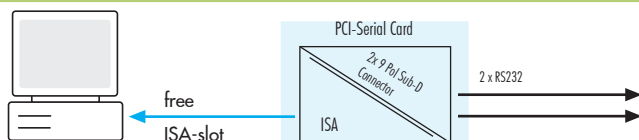
2x Serial ISA Card Upgrading PCs to 2 serial ports



Product Features:

- * Serial ISA PC-card (dimensions: 165 x 106 mm).
- * UART 16550 with FIFO.
- * Manual configuration via DIP switches.
- * Flexible configuration.
- Standard base addresses COM1-COM4 - Custom base addresses possible.
- interrupts IRQ3-IRQ7, IRQ9-IRQ12.
- * Support for all signal formats:
- RS232, RS422, RS485, 20mA or TTY.

[Read more about #13801](#)



Description

PC Card ISA 2x RS232,

Art no.

13801

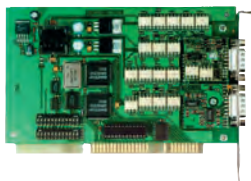
Euro

188,00

DKK

1410,00

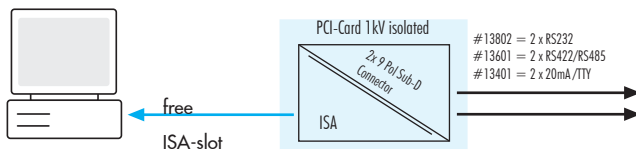
2x Serial ISA Card, 1kV Isolated Upgrading PCs to 2 serial ports



Product Features:

- * Serial ISA PC-card (dimensions: 165 x 106 mm).
- * UART 16550 with FIFO.
- * 1 kV isolated from PC and Interfaces with each other.
- * Manual configuration via DIP switches.
- * Flexible configuration.
- Standard base addresses COM1-COM4 - Custom base addresses possible.
- interrupts IRQ3-IRQ7, IRQ9-IRQ12.
- * Support for all signal formats: - RS232, RS422, RS485, 20mA or TTY.

[Read more about #13802](#)



Description

PC Card ISA 2x RS232, 1kV isolated

PC Card ISA 2x RS422/RS485, 1kV isolated

PC Card ISA 2x 20mA, 1kV isolated

Art no.

13802

13601

13401

Euro

238,00

258,00

258,00

DKK

1785,00

1935,00

1935,00

PCI Serial Mainboard Upgrading PCs to 2 serial ports



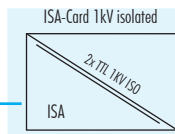
Product Features:

- * 2x serial TTL interfaces with galvanic isolation
- * 1x 32-bit PCI bus
 - Universal Voltage Card for 3.3V and 5V PCI systems
- * Galvanic isolation between PC, Port 1 and Port 2
 - Isolation voltage 1kV
- * 20mA, RS232, RS422, RS485 and profibus can be combined on one card
- * 4 x UART 16550 with FIFO
- * Manual configuration by means of DIL switch

[Read more about #13001](#)



free
ISA-slot



2 x Additive modules as Options:
(18813-18811-18411-18611-18612)

Description

Serial ISA base board, 1kV isolated

Art no.

13001

Euro

208,00

DKK

1560,00

Interface modules

Interface modules Modules for PC-CARD Mainboards



Product Features:

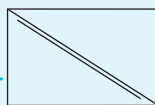
- * 1 x serial standard interface
 - 9-pin SUB-D connector, - 1 x TTL interface, - 12-pin male header with 2mm spacing
- * Management and connectivity:
 - Tiny plug-in interfaces
- * #18811: Interface RS232
- * #18813: Interface RS232/RS422/RS485
- * #18611: Interface RS422/RS485
- * #18612: Interface Profibus

[Read more about Interface Modules](#)



free
ISA-slot

MODULES FOR ISA/PCI CARD



Additive modules for PC-CARDS:
(18813-18811-18411-18611-18612)

Description

RS232

RS232/RS422/RS485

RS422/RS485

PROFIBUS

RS422/RS485 with OVP

20mA (5V & 12V power supply)

20mA (3,3..5V power supply)

Art no.

18811

Euro

41,00

DKK

308,00

18813

55,00

413,00

18611

55,00

413,00

18612

55,00

413,00

18613

55,00

413,00

18411

55,00

413,00

18412

55,00

413,00

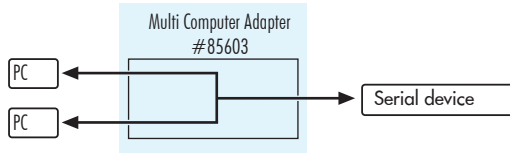
RS232 multi-computer adapter 2 PCs share a serial device



Product Features:

- * 9-pin SUB-D connector
- * All ports are independently configurable: Conversion of baud rate, data format and handshake protocol possible
- * Switchover: - Automatic switching on the principle "Who comes first, gets the access"
- Manual switching by buttons on the device itself
- Simultaneous transmission of data on Master port to both slave ports (splitter mode)
- * Power supply: T2 .24 V AC / DC

[Read more about #85603](#)



Description

RS232 Multi Computer Adapter

Art no.

85603

Euro

218,00

DKK

1635,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

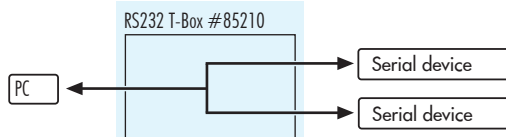
RS232 T-Box



Product Features:

- * Automatic T-connection between 3 RS232 devices
- * 2x 25-pin SUB-D connector, DTE
- * 1x 25-pol. SUB-D connector, DCE assignment
- * Bi-directional
- * Cascadable
- * No power supply required

[Read more about #85210](#)



Description

RS232 T-Box

Art no.

85210

Euro

98,00

DKK

735,00

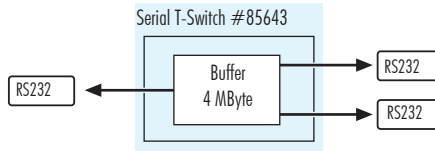
RS232 Universal Serial T-Switch with integrated 4 MB Buffer



Product Features:

- * Switching Comfort:
 - Switching by control sequences:
 - 1 computer runs e.g. two serial devices
 - Time-controlled switching:
 - 2 computers share e.g. a serial terminal such as printers, plotters, hand scanner, etc. ..
- * All ports are independently configurable
- * Conversion of baud rate, data format and handshake protocol possible

[Read more about #85643](#)



Description

RS232 Universal Serial T-Switch

Art no.

85643

Euro

438,00

DKK

3285,00

Options:

Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal

11021

21,00

158,00

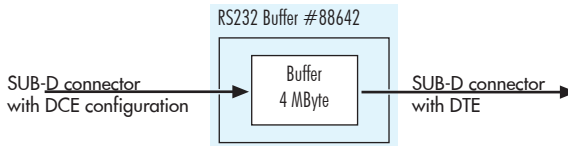
RS232 Universal Serial Buffer, 4 MB



Product Features:

- * Non-volatile cache serial data:
 - Print and plot data
 - Telephone Cost Information
 - machine data
- * Data back channel allows the connection of bi-directional I / O devices
- * The two ports are independently configurable
- * Conversion of baud rate, data format and handshake protocol possible
- * RS422, RS485 or 20mA interface modules available on request

[Read more about #88642](#)



Description

RS232 Universal Serial Buffer, 4 MB

Art no.

88642

Euro

338,00

DKK

2535,00

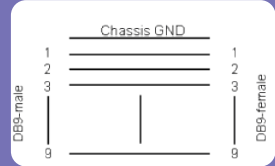
Accessories for W&T equipment

| Description | Art no. | Euro | DKK |
|---|---------|-------|--------|
| Mounting accessories | | | |
| Mounting bracket for wall mounting for all W&T DIN rail devices | 58812 | 9,98 | 74,85 |
| Rail (19") for all W&T DIN rail devices / Suitable for 19 "cabinets | 58813 | 19,00 | 142,50 |
| Mechanical Accessories for serial PC cards | | | |
| Standard bracket for two additional extra Ports Includes 2 ribbon cables (25cm) - Suitable for W&T PCI cards | 13013 | 17,00 | 128,00 |
| Low profile bracket for the add. Port Includes 1 ribbon cable -Suitable for W&T Low Profile PCI Card | 13014 | 8,90 | 67,00 |
| Cables and Connectors | | | |
| Connection cable with open cable ends - 9-pin. Female, left angled 1,5 m | 11902 | 17,50 | 132,00 |
| Connection cable with open cable ends - 9-pin. Connector, right angled 1.5m | 11903 | 17,50 | 132,00 |
| Mini gender changer, 25f/25f | 11770 | 9,90 | 75,00 |
| Mini gender changer, 25m/25m | 11880 | 9,90 | 75,00 |
| Adapter Set 9f/25f - 25m/9m | 11573 | 21,00 | 158,00 |
| SUB-D connectors including shielded housing | | | |
| * 9-pin. Socket with solder terminals | 11904 | 9,90 | 75,00 |
| * 9-pin. socket with screw terminals | 11905 | 21,00 | 158,00 |
| * 9-pin. Plug with solder | 11906 | 9,90 | 75,00 |
| * 9-pin. Plug with screw terminals | 11907 | 21,00 | 158,00 |
| Power supplies | | | |
| DIN rail power supply, 12V, 5,0A, screw-type terminals | 11086 | 65,00 | 488,00 |
| DIN rail power supply, 24V, 0,63A, screw-type terminals | 11080 | 33,00 | 248,00 |
| DIN rail power supply, 24V, 2,5A, screw-type terminals | 11081 | 55,00 | 413,00 |
| DIN rail power supply, 24V, 3,83A, screw-type terminals | 11079 | 77,00 | 578,00 |
| DIN rail power supply, 48V, 0,83A, screw-type terminals | 11089 | 55,00 | 413,00 |
| Power Supply 24V, 0.5A (Euro), 2-pin connector for screw-type terminal | 11021 | 21,00 | 158,00 |
| Power Supply 24V, 0,75A (Euro), 2-pin connector for screw-type terminal | 11025 | 33,00 | 248,00 |
| Power Supply 24V, 0,75A (International), 2-pin connector for screw-type terminal | 11026 | 38,00 | 285,00 |
| Power Supply 24V, 0,75A (US), 2-pin connector for screw-type terminal | 11027 | 33,00 | 248,00 |
| USB Power Supply Mini 5V DC, 1A (Euro) | 11046 | 17,00 | 128,00 |
| USB Power Cable with 2.5 mm jack connector | 11390 | 6,00 | 45,00 |
| USB Power Cable with 5.5/2.1 mm coaxial connector | 11391 | 6,00 | 45,00 |
| Enclosures | | | |
| IP66/IP67 - Wall mount enclosure | 11120 | 54,00 | 405,00 |
| Cable gland, 2 - 5 mm cable diameter, M12 (qty. 5) | 11130 | 8,20 | 62,00 |
| Cable gland, 4 - 8 mm cable diameter, M16 (qty. 5) | 11131 | 9,20 | 69,00 |
| Cable gland, 6 - 12 mm cable diameter, M2 (qty. 5) | 11132 | 11,10 | 84,00 |
| Cable gland, 13 - 18 mm cable diameter, M25 (qty. 5) | 11133 | 14,10 | 106,00 |
| Cable gland for CAT6 network cable with special seal, M25 | 11134 | 11,10 | 84,00 |

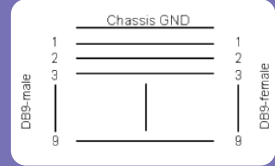
[Read more about accessories for W&T equipment](#)

Accessories specification for W&T equipment

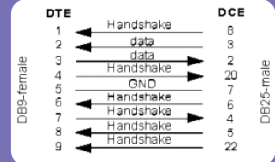
11992 PC/PC RS232 cable
 9-pin female - 9-pin female, 2 meters



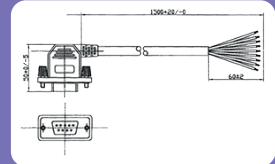
11952 RS232 extension
 9-pin female - 9-pin male, 2 meters



11982 RS232 extension
 9-pin female - 25-pin male, 2 meters



11902 Serial cable for screw terminals
11903 9-pin female - cable pigtailed, 1.5 meters
 Art.-No. 11902: angled to left
 Art.-No. 11903: angled to right



11573 9-pin adapter set for serial isolators
 Types 88001, 88004 and 88050



11574 9-pin adapter cable for compact interfaces
 Models 84001 and 86000

