

Data sheet:

RS232 Universal Serial T-Switch



Article no.: 85643

EUR 438.00

*Net price for commercial users

Connecting three serial terminal devices

The Universal Serial T-Switch enables practically any imaginable uni- or bi-directional connection of three serial terminal devices. The T-switch has three serial terminals, each of which can be freely configured.

Properties

Interfaces:

- **3 x RS232, 9-pin SUB-D connector**
 - 1x DTE pinout
 - 2x DCE pinout

Management and Connectivity:

- **Operating modes:**
 - Changeover using control sequences:
 - 1 computer runs for example two serial devices
 - time-controlled switching with adjustable switch time:
 - 2 computers share for example one serial terminal device:
 - Printer, plotter, hand scanner, card reader, etc...
- **No manual intervention necessary**
- **Data back channel allows connection of bi-directional peripheral devices**
- **Individual configuration of interfaces**
- **Conversion of baud rate, data format and handshake protocol possible**
- **Integrated diagnostic and startup aid: Setting dump**

Power supply:

- **External**
 - Wide voltage range up to 24V

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**



Wish for something!

[Your suggestions for improvement and additions](#)

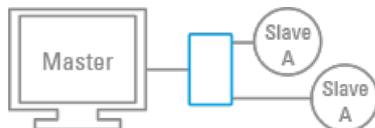
Worth knowing

Notes on use:

The W&T RS232 Universal Serial T-Switch is an extremely versatile device. Virtually any uni- or bi-directional 2:1 coupling of RS232 devices is possible with this switch.

The Adapter has 3 serial ports: 1 Master port "C" and 2 Slave ports "A" and "B". Each of these ports can be parameterised independently of the others.

The Switch supports 4 data channels (Master C <-> Slave A, Master C <-> B), which are equipped in each direction with 1 MB buffers. The channels are switched either timed or using control sequences from one of the three Switch ports.



Technical data

Connections and displays:

Serial ports:	3 x RS232 (Port A and B: Female, Port C: Male) all ports can be configured independently of each other
Supported signals:	RxD, TxD, CTS, DTR
Baud rate:	150..115,200 baud
Data format:	7,8 data bits, no,even,odd parity
Flow control:	Hardware handshake or XON/XOFF protocol
Integrated buffer:	4 MB
Operating modes:	Switching via control sequence time-controlled switching
Switching times:	Adjustable in increments of 5, 15, 30, 120 seconds (other values on request)
Power supply:	12..24V DC/AC
Current consumption:	Typ. 30 mA at 24V DC
Supply voltage connection:	Plug-in screw terminal, 5.08mm spacing Labeled "L+" and "M"

Housing and other data:

Housing:	Plastic housing, 105 x 75 x 45mm
Weight:	approx. 150g
Ambient temperature:	Storage: -40..+70°C, Operation: 0..+60°C
Permissible relative humidity:	0..95% RH (non-condensing)
Scope of delivery:	1 x Universal Serial T-Switch, 4 MByte Buffer

Please order power supplies separately as accessories

Accessories

*Net unit price for
commercial users

Power supplies

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

Cable and Connector Accessories

RS232 1:1-Cable, DB9F - DB9M, 2m	11952	9.90€	
RS232 PC/PC cable, DB9F x DB9F, 1.8m	11992	9.90€	

Mechanical Accessories

Mounting bracket for wall mounting	58812	11.20€	
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* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



We are available to you in person:

Wiesemann & Theis GmbH
Porschestra. 12
42279 Wuppertal
Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5 p.m.)
Fax: +49 202/2680-265
info@wut.de

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