

# RS232 ↔ RS422/RS485 converter



- Automatic RS485 self line turnaround
- Self powered or powered from external source
- Speed up to 1 Mbps
- SUB D9 connector for RS232 port

- Screw-in Connecting terminal for RS422/485 port
- Metal casing, industrial CEM standards
- LED signal display
- M.T.B.F. > 10<sup>6</sup> P.O.H.

## AD400E

Designed to connect directly to PCs, this converter has a female SUB D9 connector to the RS232 port and a screw-in connecting terminal for the RS-422/485 port.

It can be powered internally from the RS232 port or externally.

Its advanced technology provides speeds up to 1Mbps, making it ideal for the fast RS232 ports of modern computers.

The high level of integration and built-in protection make the AD400E extremely reliable and compact.

The technical characteristics make it a universal product at a very attractive price.



5-YEAR WARRANTY



Distribución: **ER-SOFT, S.A.** Email: [er@er-soft.com](mailto:er@er-soft.com), Tel: +34 916 408 408

## SPECIFICATIONS

<b>Conversion</b>	RS232 to RS422 or RS485 with automatic (or software) RS485 turnaround, line polarisation and termination via miniature jumpers
<b>Speed</b>	Up to 1 Mbps
<b>Connections</b>	Female SUB D9 Connector for the RS232 port and a screw-in connecting terminal for the RS422/485
<b>Signalling</b>	TXD and RXD signal display on LEDs *
<b>Power</b>	Internally powered via RS232 control signal** or externally (between +4,5VDC and +8VDC) from the mouse, keyboard or USB port, symmetrical jack for left or right side connection
<b>Fan-out</b>	6 RS485 interfaces (internal power mode), 32 RS485 interfaces (external power)
<b>Protections</b>	HF filtering, DES IEC801-2 protection, level 4, max.15KV Surge protection by « Transient voltage suppressors », 0.3 KW 8/20 µS
<b>Consumption</b>	5.5 mA, 1 RS422 termination-free in internal power mode 60 mA, 32 RS485 interfaces with termination in external power mode
<b>Environment</b>	Operating Temperature between -30°C and +65°C Relative humidity 95% to +25°C
<b>Dimensions</b>	80.5 mm (L) x 31 mm (l) x 14.8 mm (H), 31 g.
<b>Accessories</b>	A miniature screwdriver and a cable for external power (from the keyboard or mouse) are supplied

\* Only in external power mode

\*\* Works is the DTR control signal is active and for signal level voltage > +3,7VDC

## Reference

### **AD400E Self-powered miniature RS232 ↔ RS422/485 Converter with automatic line turnaround**

***SUB D9 for RS422/485 and/or preconfigured available for quantity orders***

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All products are designed and manufactured in France.