

ATESS 232-485 Converter



LEADING - EDGE TECHNOLOGY

The ATESS 232-485 Converter converts RS232 signals into balanced differential RS485/422 signals, enabling interface conversion, network node expansion, and communication distance extension.

Overview

- ▶ Utilizes SP3232EEN+SP485EN chipset solution for stable, reliable, and highly compatible communication.
- ▶ Integrated digital isolation and power isolation in a single unit—no external power required—with excellent anti-interference capability.
- ▶ Built-in TVS, resettable fuses, and protection diodes for defense against lightning, ESD, over current, and over voltage.
- ▶ Provides 15 kV ESD isolation and 600 W surge protection, ensuring high reliability in industrial environments.
- ▶ Compact DIN-rail mountable design, easy to install and cost-effective.

ATESS 232-485 Converter		
Product Type	Active Digital Isolated RS232 to RS485/422 Serial Converter	
Power Supply Interface	Supply Voltage	5 ~ 36V DC
	Interface Protection	Reverse Polarity Protection
Communication Rate	300 ~ 921,600 bps (For long-distance reliable communication, 300~115,200 bps is recommended)	
Device Interfaces	RS232, RS485/422	
RS232 Interface	Connector Type	DB9 Male
	Transmission Distance	Approx. 15 meters
	Transmission Mode	Point-to-Point

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