Serial 8 Channel RS-232 to RS-422 Converter (DB25 Connectors)

422CEC

PRODUCT FEATURES

- Converts unbalanced RS-232 signals to balanced RS-422 signals
- Converts 8 channels of RS-232 to RS-422
- Data rate up to 115.2K baud
- Extend your RS-232 line up to 4000 feet
- RS-422 driver has the ability to drive 10 RS-422 receivers connected in parallel
- Ten receivers can be connected to any one driver for use in multidrop systems

This RS-232 to RS-422 converter converts unbalanced RS-232 signals to balanced RS-422 signals. The RS-422 Standard uses a balanced voltage digital interface to allow communications of 90K bits per second on cable lengths of 4000 feet. If this baud rate is exceeded the line length will decrease accordingly. Ten receivers can be connected to any one driver for use in multidrop systems.

SPECIFICATIONS

TECHNOLOGY	
Data Rate	Up to 115.2K baud
Connectors	RS-232: DB-25 female (DCE device) RS-422: DB-25 male (EIA-530 pin outs)
Signals	Converts 8 channels of RS-232 to RS-422
Power Requirement	10 to 30 VDC @ 200 m

REGULATORY APPROVALS	
These products are in conformity with the provisions of the following directives when used in accordance with the instructions contained in the product documentation	
2014/30/EU	Electromagnetic Compatibility Directive
2011/65/EU	Reduction of Hazardous Substances Directive (RoHS)

EMC	
Information technology equipment Radio disturbance characteristics Limits and methods of measurement	EN 55022:2010+AC:2011 (Class B)
Information Technology Equipment Immunity Characteristics Limits and methods of measurement	EN 55024:2010
ESD Immunity	EN 61000-4-2:2009
Radiated Immunity	EN 61000-4-3:2006+A2:2010
EFT/Burst Immunity	EN 61000-4-4:2012
RF Conducted Immunity	EN 61000-4-6:2009

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
422CEC	RS-232 to RS-422 Converter

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