

8-Channel RS-232 to RS-422 Converter - DB25 Connectors

Model 422CEC

B+B SMARTWORX

Powered by

ADVANTECH

www.advantech-bb.com



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

Model 422CEC, 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.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION	RS-232	RS-422
422CEC	RS-232 to RS-422 Converter	DB-25 Female	DB-25 Male

ACCESSORIES

SMI6-12-V-P230-C1 - Power Supply, 12 VDC 6 Watt, 2.5MM Plug, International AC Input, International AC Blades

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 (TD, RD, RTS, CTS, DTR, DSR, DCD, Spare)
Power Requirement	10 to 30 VDC @ 200 m
REGULATORY APPROVALS	
FCC, CE	
2014/30/EU	Electromagnetic Compatibility Directive (RoHS)
2011/65/EU	Reduction of Hazardous Substances Directive (RoHS)
EMC	
EN 55022:2010+AC (Class B)	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement.
EN 55024:2010	Information Technology Equipment Immunity Characteristics. Limits and methods of measurement
EN 61000-4-2	ESD Immunity
EN 61000-4-3	Radiated Immunity
EN 61000-4-4	EFT/Burst Immunity
EN 61000-4-6	RF Conducted Immunity
MEANTIME BEFORE FAILURE	
MTBF	1251414 hours

All product specifications are subject to change without notice.

422CEC_2917ds

B+B SMARTWORX

Powered by

ADVANTECH

orders@advantech-bb.com
support@advantech-bb.com

Corporate Headquarters: 707 Dayton Road, PO Box 1040 Ottawa, IL 61350 USA 815-433-5100 Fax 433-5104
European Office: Westlink Commercial Park, Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445