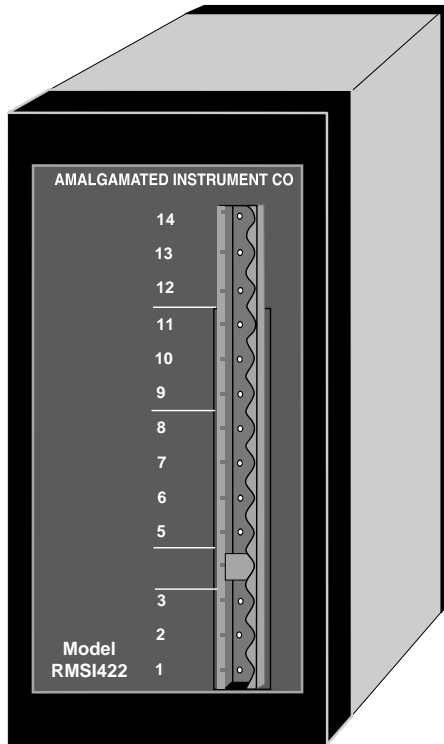


RS232 to RS485/RS422 Converters

Model RMSI422



Description

The RMSI converters are supplied in a standard DIN rail mount (35mm rail EN50022) package. Model RMSI422 is a RS232 to RS422 converter. Model RMSI485 is a RS232 to RS485 converter.

Input and output signals are fully isolated from the power supply (500V isolation) and from each other. Electrical connection is via plug in screw terminals, maximum 2.5mm wire.

Baud rates are from 300 to 38400 baud.

Dimensions:

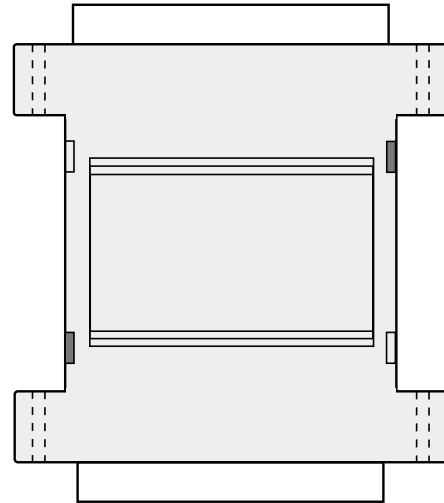
91mm (h) x 44mm (w) x 120mm (d) including front connector and DIN rail clips.

Order Code

RMSI422-240 - Powered by 240VAC
RMSI422-110 - Powered by 110VAC
RMSI422-24 - Powered by 24VAC
RMSI422-DC - Powered by 12-48VDC

RMSI485-240 - Powered by 240VAC
RMSI485-110 - Powered by 110VAC
RMSI485-24 - Powered by 24VAC
RMSI485-DC - Powered by 12-48VDC

Model PC422



Description

The PC422 converter is supplied as a through connector, self contained package and is configurable for RS232 to RS485 or RS232 to RS422 conversion.

Power for the unit is obtained from an IBM PC, or compatible, RS232 port via pins 7 (GND) & 20 (+12V via DTR line). Alternatively the PC422 may be externally powered (9 to 12VDC), see wiring diagram overleaf. The use of an external power source is generally only required when a low power serial card is used in the computer and multiple external units are being addressed or when the serial output does not provide power.

Baud rates are from 300 to 38400 baud. The converter automatically detects the baud rate being used.

Connection at the RS232 end is via a 25 way female "D" connector. At the RS485/RS422 end the connector is a 25 way male "D" connector.

Operation mode and setup selections are made via circuit board links.

Dimensions:

63mm (h) x 56mm (w) x 16mm (d)

Order Code: PC422

Models PC422 and RMSI422 are ideal for use in connecting two RS232 devices together over extended cable lengths (up to 1200 metres)

Electrical Connections For RMSI422, RMSI485 & PC422

