

USB TO RS485 CONVERTER - ISOLATED

FEATURES

- Compatible with USB 1.0/2.0
- LEDs for indicating USB and TxD/RxD activity
- 2 kV isolation between PC and devices on the RS485 bus
- Din-rail as well as surface mount
- Drivers for Windows
95/98/ME/2000/XP/2007/2008/2010
- No external power supply required



ABOUT DCC505

DCC505 is an industrial grade, high reliability USB to RS485 converter. It allows communication between a PC and an RS485 bus. Upto 32 instruments on the RS485 bus can be accessed.

DCC505 provides optical isolation between the USB port of the computer and the RS485 bus, eliminating the possibility of damage to the PC.

DCC505 does not require any external power supply.

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SPECIFICATIONS

All specifications at ambient of 25 °C, unless specified otherwise

USB INTERFACE

Compliance USB 1.0/1.1 compliant, USB 2.0 compatible

SERIAL INTERFACE

Connector Detachable, 3.81mm pitch, 2-way
Optical Isolation 2 KV
RS485 connections D+, D-

INDICATORS

Power Red LED
TxD Green LED
RxD Blue LED

POWER SUPPLY

Supply voltage No external power supply required

SYSTEM REQUIREMENTS

Operating systems Windows 95/98/ME/2000/XP(32/64-bit)/2007
(32/64-bit)/2008/2010
CPU 350 MHZ
Memory Windows 95/98/ME : 65MB
Windows 2000/XP : 128 MB
Resolution 800 x 600 pixels
Other CD-ROM drive

ENCLOSURE

Housing ABS + PC
Mounting a) Snap on for 35 mm Din-rail to DIN46277
b) Surface mount
Dimensions (in mm) 30.1(H) x 48.3(W) x 83.5(D) (see Fig. 1)

ENVIRONMENTAL CONDITIONS

Operating temperature -40 to 85°C (-40 to 185°F)
Storage temperature -40 to 85°C (-40 to 185°F)
Ambient relative humidity 5 to 95% (non-condensing)

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DIMENSIONS mm

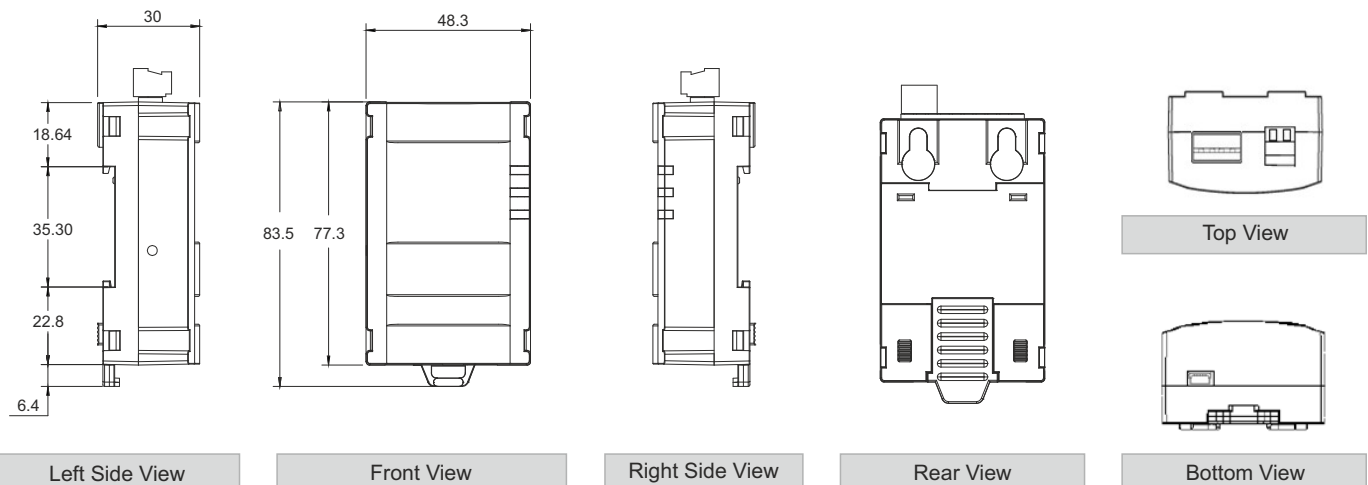


Fig 1

CONNECTIONS

INSTALLATION

To configure the USB port on the PC, install the software from the CD provided along with DCC505. Also download the Utility Software of the device to be connected to PC through DCC505.

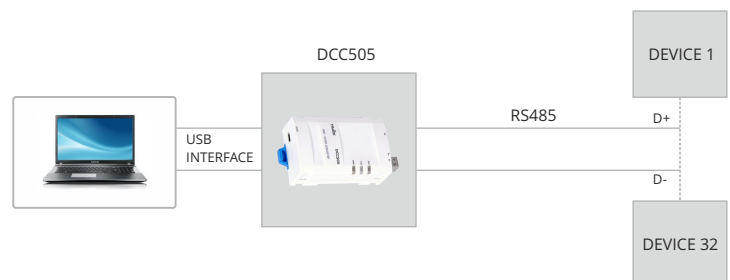
The Tx/Rx LEDs will glow alternately if communication is working.



APPLICATION

ORDERING INFORMATION

ITEM	MODEL	ORDER CODE
USB TO RS485 CONVERTER - ISOLATED	DCC505	2588



CAT#549R3/A

ENQUIRIES

Instruments: sales@radix.co.in
Sensors: sensors@radix.co.in
Gauges: gauges@radix.co.in
Automation: automation@radix.co.in
Level: level@radix.co.in

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