



RS232 TO RS485 INTERFACE CONVERTER

DDIC SERIES



SYNOPSIS

- DDIC CONVERTS RS232 SIGNALS TO RS485 AND VICE VERSA.
- DDIC IS A BIDIRECTIONAL RS232 TO RS485 CONVERTER.
- THESE CONVERTERS CARRY RS232 SIGNALS TO LONG DISTANCE. THIS CONVERTER FACILITATES RS232 DEVICES TO BE MULTIDROPPED ON THE RS485.
- HARDENED PROTECTION FEATURES AND UNIQUE POWER SUPPLY DESIGN HAVE BEEN INCORPORATED KEEPING IN MIND THE HIGH ELECTRICALLY NOISY APPLICATIONS LIKE SOLAR AND POWER

FEATURES

COMMUNICATION

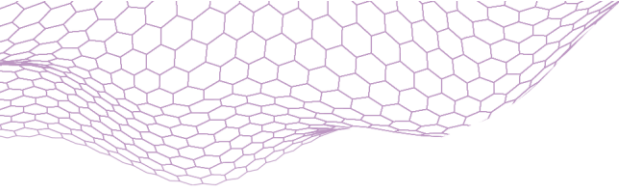
Input / output	RS232
Output / input	RS485 / RS422. 2 Wire & 4 Wire
Speed	1200 to 115000 bps
Cable distance	1200 m
Indication	LEDs for TX & RX and Power

MECHANICAL

Input	DB9 Female
Output	Screw Terminals
Power	Screw Terminals
Enclosure	Phoenix Bopla, ABS, DIN Rail Mounting 55 x 110 x 75 mm [L D H]
Weight	175g

PROTECTION

Optical isolation	3000 V DC for both RS232 & RS485
Galvanic isolation	3000 V DC between Power & RS232 & Power & RS485
Surge protection	600W on all 485 lines
Over current protection	On all the Data lines
Esd protection	15KV on RS232 & RS485 lines



ELECTRICAL

Power supply options	230: 230V AC, Range 90 to 260V AC (Default) 24/48: 24V DC or 48V DC 220: 220V DC. Range 180 to 260V DC 110: 110V DC, Range 110V DC to 265V DC
Power consumption	1.2 watts

OPERATING CONDITIONS

Temperature	0 – 55 deg C
Relative Humidity	5 – 95% (non-condensing)

ORDERING CODE

DDIC U XXX

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XXX	230: AC 230V. Range 90 to 260V AC (Default) 220: 220V DC. Range 180 to 260V DC 110: 110V DC, Range 110V DC to 265V DC 24/48: 24V DC or 48V DC

DATA BRIDGE
D Y N A M I C