



RS232 TO 2 WIRE RS485 INTERFACE CONVERTER

DDIC SERIES



SYNOPSIS

- DDIC M2 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 multi-dropped 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

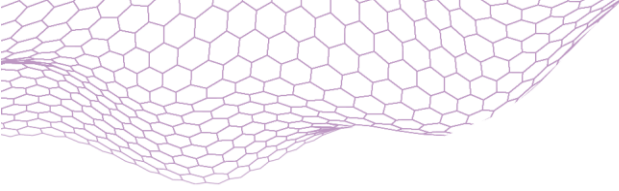
Input/ Output	RS232
Input/ Output	RS485, 2 wire
Speed	300 to 115,000 bps and Auto Baud Rate
Indication	LEDs for TX & RX and Power

PROTECTION

Optical Isolation	3000 V DC for both RS232 & RS485
Galvanic Isolation	3000 V DC between Power & RS232 3000 V DC between Power & RS485
Surge protection	600W on all 485 lines
ESD protection	15KV on RS232 & RS485 lines

ELECTRICAL

Power supply Options	24V DC& optional 48V DC
Power Consumption	Appx. 1.2W, 24V DC, 50mA



MECHANICAL

Input RS232	DB9 Female
Output RS485	Screw Terminals
Power	Screw Terminals
Enclosure	ABS Plastic enclosure 49.3 x 24.6 x 88.3mm (W*H*D)
Mounting	DIN Rail

OPERATING CONDITIONS

Temperature	0 – 60 deg C
Relative Humidity	5 – 95% (non-condensing)

ORDERING CODE

DDIC M2 XX

DDIC M2	Databridge Interface Converters	
XX	24	24V DC
	48	48V DC

DATA BRIDGE
D Y N A M I C