BB-2320PDR

RS-232 Repeater, Industrial



Features

- Extends RS-232 data another 15 meters
- 2,000V optical isolation on data lines
- Up to 115.2 kbps data rate
- Supports 2 data pairs or 1 data pair with control signals in both directions
- -40 to +80 °C wide operating temperature
- DIN rail mount. IP30 case
- UL Recognized
- 10-30 V_{DC} power (power supply required, not included, sold separately)

Specifications

RS-232

- Connector
- Signals
- Terminal Block 4 signal lines in each direction

115.2 kbps

Data Rate

Isolation

Method

Rating

Power

- Connector
- Voltage Source
- Terminal block 10 to 30 V_{DC} 1.2 W

Optical

2000 V

Terminal Blocks

- Wire Size
- Torque

LED Indicators

 Data LEDs (RED) 	Data LED for each side of isolator
	Flashes when data transmitted
 Power LED (RED) 	ON when power applied

Enclosure

Ma	terial	Plastic
IP	Rating	IP30
Dir	nensions	2.5 x 7.9 x 9.5 cm
84.		

- Mounting

35 mm DIN (panel mount adapter available)

Environmental

AD\ANTECH

- -40 to +80 °C
- Storage Temperature -40 to +85 °C
- Operating Humidity 0 to 95% Non-condensing

Meantime Between Failures (MTBF)

- MTBF 244689 hours
- MTBF Calculation Method MIL217F Parts Count Reliability

Approvals, Directives, Standards

- CE, FCC, RoHS, KCC
- cULus Recognized
- EU Directives

2014/30/EU - Electromagnetic Compatibility Directive 2011/65/EU amended by 2015/863/EU - Reduction of Hazardous Substances Directive (RoHS) 2012/19/EU - Waste Electrical & Electronic Equipment (WEEE)

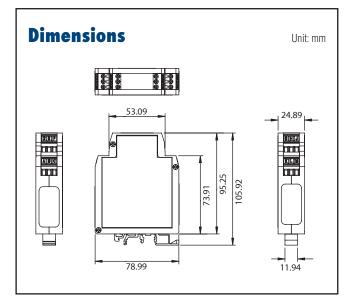
EU - Standards EN 55032 Class B - Electromagnetic Compatibility of Multimedia Equipment – Emission Requirements EN 55024 - Information Technology Equipment -Immunity Characteristics - Limits and Methods of Measurement

Ordering Information

BB-2320PDR RS-232 Repeater, Industrial

Accessories – sold separately

BB-MDR-20-24 DIN rail mount power supply 24 V_{DC}, 1.0 A output power



Protected ground on isolated side

Power Consumption External

24 to 14 AWG

4 kgf-cm