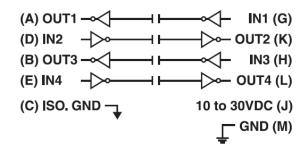
2320PDR

RS-232 Isolated Repeater

- ✓ Extend RS-232 Data another 50 ft (15.2 m)
- √ 2000V Optically Isolated Data Lines
- √-40 to 80°C Operating Temperature
- √ Complies with NEMA TS1 & TS2 **Environmental requirements for Traffic Control Equipment**

The 232OPDR is a DIN Rail mountable RS-232 optical isolator and repeater. It provides 2000 V Isolation for four RS-232 signal lines, two in each direction. The isolator has four LED's to show data flow and one LED to indicate power. Connections are made to a terminal block. The isolation provides protection for computer equipment from ground loops and induced currents caused by lightning or heavy electrical loads. It also functions as a repeater to extend RS-232 signals another 50 feet. The 232OPDR can support two data pairs or one data pair plus control signals in both directions.









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Specifications					
RS-232					
Connector Signals	Terminal Block 4 signal lines in each direction Protected ground on Isolated side				
Isolation					
Method Rating	Optical 2000 V				
Power	2000 1				
Connector Voltage Power Consumption Source	Terminal Block 10 to 30 VDC 1.2 W External				
Terminal Blocks					
Wire Size Torque	24 to 14 AWG 4 kgf-cm				
LED Indicators					
DATA LEDs (RED) Power LED (RED)	Data LED for each side of isolator Flashes when data transmitted ON when Power Applied				
Enclosure					
Material IP Rating Dimensions Mounting	Plastic 30 1.0 x 3.1 x 3.7 in (2.5 x 7.9 x 9.5 cm) 35 mm DIN (Panel Mount Adapter is available)				

Environmental

Operating Temperature Storage Temperature Operating Humidity **MTBF**

MTBF Calculation Method

NEMA TS1 & TS2

Complies with NEMA TS1 & TS2 Environmental requirements for Traffic Control Equipment CE, FCC

244689 hours

-40 to 80 C (-40 to 176 F)

-40 to 85 C (-40 to 185 F)

0 to 95% Non-condensing

MIL217F Parts Count Reliability

Agency Approvals cULus Recognized, File E222870

Ordering Information Model Number Power Supply

Panel Mount Adapter

2320PDR

An external source is required. MDR-20-24 Recommended

DRPM25



