

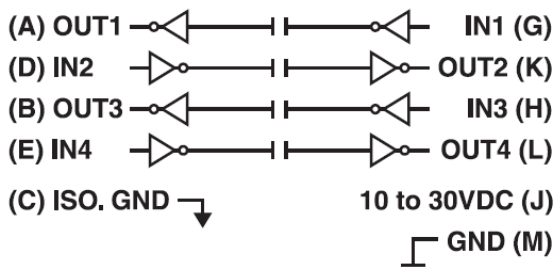
# 232OPDR

## 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



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.



### Specifications

<b>RS-232</b>	
Connector	Terminal Block
Signals	4 signal lines in each direction Protected ground on Isolated side
<b>Isolation</b>	
Method	Optical
Rating	2000 V
<b>Power</b>	
Connector	Terminal Block
Voltage	10 to 30 VDC
Power Consumption	1.2 W
Source	External
<b>Terminal Blocks</b>	
Wire Size	24 to 14 AWG
Torque	4 kgf-cm
<b>LED Indicators</b>	
DATA LEDs (RED)	Data LED for each side of isolator Flashes when data transmitted
Power LED (RED)	ON when Power Applied
<b>Enclosure</b>	
Material	Plastic
IP Rating	30
Dimensions	1.0 x 3.1 x 3.7 in (2.5 x 7.9 x 9.5 cm)
Mounting	35 mm DIN (Panel Mount Adapter is available)
<b>Environmental</b>	
Operating Temperature	-40 to 80 C (-40 to 176 F)
Storage Temperature	-40 to 85 C (-40 to 185 F)
Operating Humidity	0 to 95% Non-condensing
MTBF	244689 hours
MTBF Calculation Method	MIL217F Parts Count Reliability
<b>Agency Approvals</b>	
	CE, FCC
	cULus Recognized, File E222870
<b>Ordering Information</b>	
Model Number	232OPDR
Power Supply	An external source is required. MDR-20-24 Recommended
Panel Mount Adapter	DRPM25

