

RTLVD-HVDR4ER

QUAD SCSI

LVD/HVD Multimode Expander

General Description:

The RTLVD-HVDR4ER is a Rack mounted QUAD SCSI multimode Expander. The RTLVD-HVDR4ER converts up to four Channels of SCSI Low Voltage Differential (LVD) to High Voltage Differential (HVD). This allows four LVD devices to be used with four HVD buses. This expander allows the LVD bus to operate at up to Ultra4 SCSI speeds (320 Mbytes/second). HVD devices will operate up to Ultra SCSI speeds (40 Mbytes/second).

The RTLVD-HVDR4ER can also be used to extend the HVD SCSI bus, thus, increasing its total length up to 120 feet (37 meters).

Because the RTLVD-HVDR4ER is Multimode it can also convert HVD to SE SCSI. It also includes Enhanced Cooling and low RPM/Failed Blower warning LEDs.

Features:

- LVD speeds up to 320 Mbytes/second
- WIDE (16-bit SCSI Bus)
- Four independent SCSI Expanders
- Supports up to 16 SCSI devices
- Transparent Operation (No Software Required)
- Data Deskewing Circuitry
- 48 MA Single-Ended Active Negation Drivers
- RS485DE HVD Transceivers
- Supports Arbitration, Parity and Disconnect/Reconnect
- Does not occupy a SCSI ID
- Target or initiator on either side
- LVD to HVD or single-ended to HVD conversion
- TERMPWR via resetting circuit protector and backflow preventing diodes
- Four SCSI Activity LEDs
- Switchable HVD and LVD Termination
- Synchronous or Asynchronous Data Transfers
- Dual Blower Cooling
- Low RPM/Failed Blower Warning LEDs
- Meets ANSI SCSI X3.131-1994 and X3.277-1996 Specifications, X3.T10/1142D SPI-2 (Ultra2 SCSI), X3.T10/1302D SPI-3 (Ultra3 SCSI) and X3.253 SPI-4 (Ultra4 SCSI) Documents, and Compliant with SCSI EPI Specifications.



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Specifications:

- **Size:** 1.72" x 17" x 16", Fits 19" Rack
- **Weight:** 12.5 lbs.
- **Power:** 65 watts, 100-240 VAC @ 50/60 HZ
- **Connectors:**
Data: Eight 68-pin High density connectors
- **Throughput:** Up to 40 Mbytes/second (limited by HVD Bus)
- **Environment:**
Operating Temperature: 0-50°C
Altitude: up to 3,000 meters
Relative Humidity: 5-95% (non-condensing)

Applications:

Any Rackmount application where converting four HVD devices to LVD or HVD to SE or where longer cables on a single-ended LVD or HVD SCSI interface is required. For example: RAID Systems, DLT & LTO Tape Drives and Libraries, optical drives, Hard disk drives, optical CD-ROM, DVD and CDR drives, optical juke boxes, etc.

# of Channels	LVD to HVD
4	RTLVD-HVDR4ER
3	RTLVD-HVDR3ER
2	RTLVD-HVDR2ER
1	RTLVD-HVDR1ER

certified for hp-ux



*RoHS Compliant