



LDISP-L60000 REMOTE DIGITAL DISPLAY



- **6-digit numeric display of received serial data, -999,999 to 999,999**
- **Digital serial interface: RS-232 , Optional: RS-485**
- **0.56" (14.2 mm) high Red LEDs**
- **Input Voltage: 85-264 VAC, 47 to 63 Hz, Optional: 9 - 37 VDC**
- **Meets NEMA-4X (IP-65) for high-pressure wash-down when panel mounted.**
- **1/8 DIN case**
- **Installable from the front of the panel.**
- **Short depth behind the panel: only 4" (102 mm) plus connectors.**
- **Screw clamps connectors for input power meet VDE / IEC / UL / CSA safety standards.**
- **Rugged GE Lexan® housing material.**
- **Safety certified per UL 61010C-1 and EN 61010-1.**

General Description

The LDISP-L60000 Remote Digital Display accepts RS-232 data from computers, programmable controllers and other devices with a serial data output. They blend in with 1/8 DIN Laureate digital panel meters, counters and timers to provide a numeric display from -999,999 to +999,999. The RS232 Serial Interface Connection is made via a single 6-pin RJ11 jack and is intended for point-to-point communications. As an option an RS485 Serial Interconnection is available. The RS485 Serial Interface Connection is made via a pair of 6-pin RJ11 jacks connected in parallel. The RS485 can be connected for point-to-point or multi-drop communications. Up to 31 Remote Digital Displays can be daisy-chained together in a multi-drop arrangement with each having their own unique digital address.

The display consists of six 14.2 mm (.56") high red LED digits. The 1/8 DIN case is environmentally sealed to NEMA-4X from the front when panel mounted. Worldwide input power from 85-264 VAC is standard. Low voltage input power from 9 - 37 VDC is optional.

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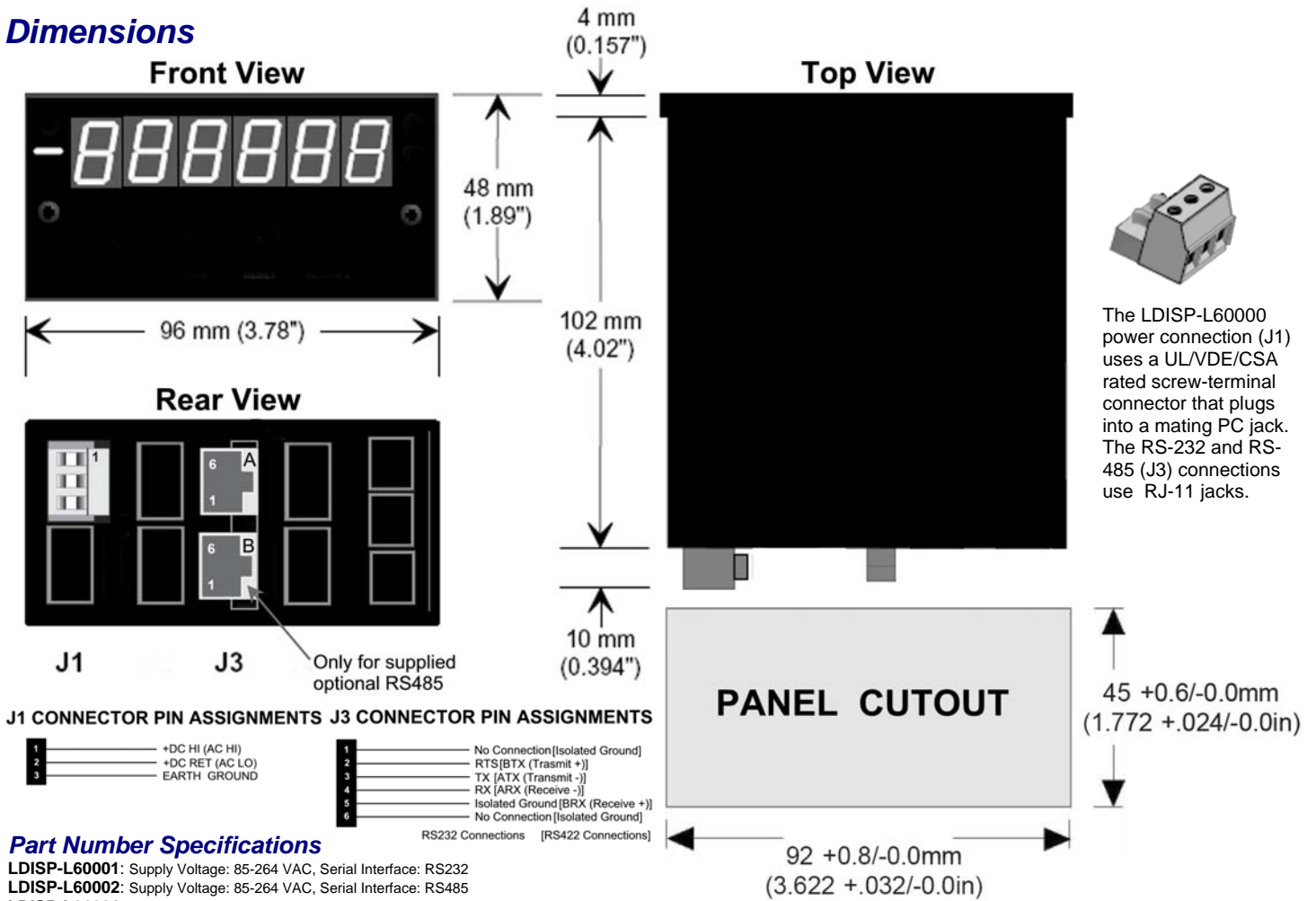
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Dimensions



Part Number Specifications

LDISP-L60001: Supply Voltage: 85-264 VAC, Serial Interface: RS232
LDISP-L60002: Supply Voltage: 85-264 VAC, Serial Interface: RS485
LDISP-L61001: Supply Voltage: 9 - 37 VDC, Serial Interface: RS232
LDISP-L61002: Supply Voltage: 9 - 37 VDC, Serial Interface: RS485
LDISP-L60001-DT As above but with Desk top Enclosure

General Specifications

Display Readout	6 red LED digits, 14.2 mm (.56")	Supply Voltage	85-264 VAC, 47-63 Hz or Optional 9 - 37 VDC
Display Range	-999999 to +999999	Connection	Terminal Block, 3 point with screw terminals
Display Indicators	Four LED lamps, 7-segment	Power Consumption	5.3 Watts Maximum
Serial Interface ¹⁾	RS232/6-pin RJ11 jack or Optional RS485 ¹⁾	Power Isolation	250V RMS working, 2.3 kV RMS per 1 min test
Communication Protocol	Half Duplex via ASCII codes.	Operating Temperature	0° to 60° C (32° to 140° F)
Standards Compliance	EIA/TIA-232 or optional EIA/TIA-485	Storage Temp	-40°C to 85°C (-40° to 185° F)
RS232 Connection ¹⁾	RX, TX, GND, RTS (optional) ¹⁾	Relative Humidity	95% at 40°C, non-condensing
Baud Rate	300, 600, 1200, 2400, 4800, 9600, 19200 bps	Enclosure	GE Lexan® housing material
Data Format	8 data bits, 1 stop bit, no parity	Protection	NEMA-4X (IP-65) when panel mounted
Interface Isolation	250V RMS working, 2.3 kV RMS per 1 min test	DIN Size	1/8 DIN Case
Certified to	UL 61010C-1 (UL mark)	Certified to	EN 61010-1 (CE mark) and RoHS.

¹⁾ = For RS485 Serial Interface, (2) 6-pin RD11 jacks are supplied connected in parallel, connections are ARX (Receive -), BTX (Transmit +), ATX (Transmit -), BRX (Receive +), ARX (Receive -) and GND.

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We reserve the right to alter specifications without prior notice. Specifications without tolerances are typical values.

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