

## User's Guide



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LDP6-ENC9 LDP6-SHR LDP6-MB LABEL-LX **Large Display Accessories** 



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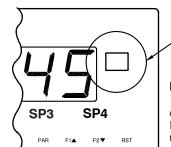
The information contained in this document is believed to be correct, but OMEGA accepts no liability for any errors it contains, and reserves the right to alter specifications without notice.

WARNING: These products are not designed for use in, and should not be used for, human applications.

- ENGINEERING UNIT LABELS
- BRACKETS FOR BASE, CEILING, OR WALL MOUNTING
- NEMA 4/IP65 ENCLOSURE FOR WASHDOWN ENVIRONMENTS
- FRONT PANEL SHROUD FOR ENHANCED VIEWING

#### LABEL-LX ACCESSORY

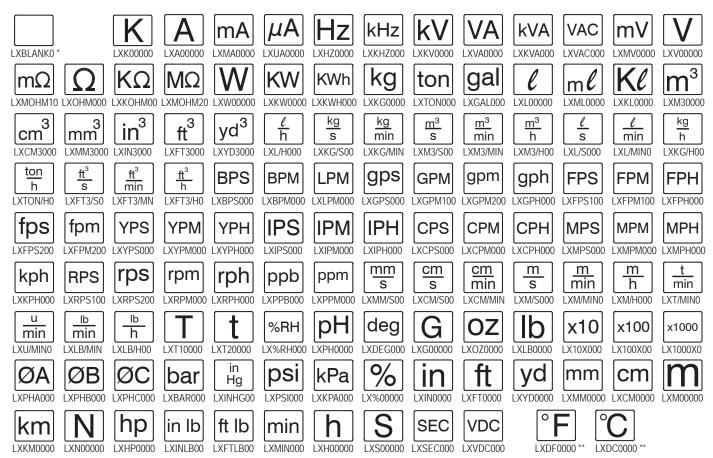
The LX label accessories allow the 5 digit LDP63000 display to be customized with an engineering unit. The label is affixed to the embossed area on the bezel of the display. The input module is then programmed to turn on its backlighting, which illuminates the label from behind. Shown below is a chart of the preprinted labels available to order.



Attach Units Label to this embossed area.

#### INSTALLATION

Before applying the label, ensure that the embossed area is clean, dry, and free of dirt. Remove the backing and center the label in the embossed area and attach. Take extra care to seat the edges of the label.

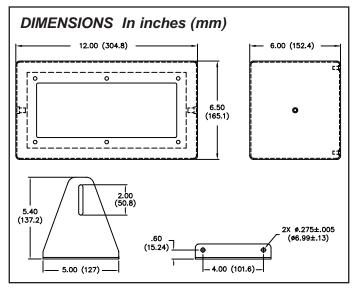


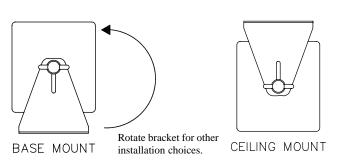
<sup>\*</sup> Blank label included with each LDP63000.

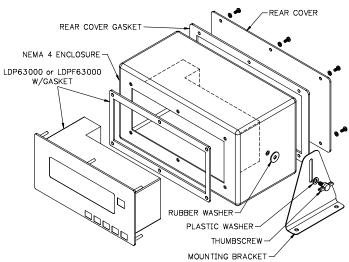
<sup>\*\*</sup> These labels included with LDP63000-T units

#### LDP6-ENC9 NEMA 4/IP65 ENCLOSURE

The LDP6-ENC9 NEMA 4/IP65 enclosure provides a means of mounting the display in dirty or washdown environments. The enclosure comes with all the gaskets, hardware (except the mounting screws), and brackets required to base, ceiling, or wall mount the display. The mounting screws to attach the brackets to your surface are not provided due to the variety of installation options available.





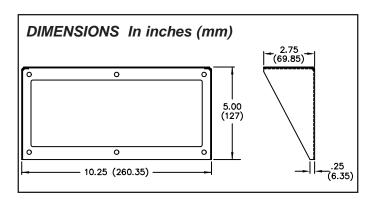


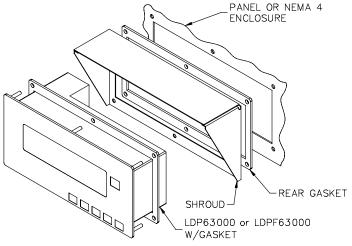
#### **ENCLOSURE ASSEMBLY**

- Before drilling a hole in the enclosure for your wire connector or fitting, ensure that the location you have chosen allows enough clearance around the input module.
- Remove the center section of the gasket provided with the display, and slide it over the rear of the display and onto the mounting studs.
- 3. Insert the display into the enclosure as illustrated. Install six #10-32 keps nuts (supplied with the display) and tighten evenly for uniform gasket compression. The gasket should be compressed to about 75 to 80% of its original thickness. Do not overtighten the nuts.
- 4. Run the wires through the hole that was drilled in the enclosure, and attach them to the display. Wiring instructions are provided in the appropriate product bulletin shipped with the input Module.
- 5. Remove the center section of the rear cover gasket. Apply the gasket to the rear panel of the enclosure by inserting the screws through the panel and into the holes in the gasket. Position the panel on the enclosure and start all of the screws. Alternately tighten each screw to ensure uniform gasket compression. The gasket should be compressed to about 75 to 80% of its original thickness.
- To securely mount the enclosure, attach the adjustable mounting brackets to the enclosure using the washers and screws provided.
- 7. Secure the mounting brackets to the desired mounting location.

#### LDP6-SHR SHROUD

The optional shroud enhances the readability of the large display unit in areas with high intensity overhead light sources. The shroud can be used in conjunction with any installation (panel mount, enclosure, or mounting brackets). When properly installed, the shroud will not affect the integrity of a NEMA 4 installation.



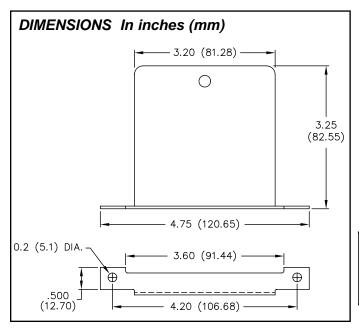


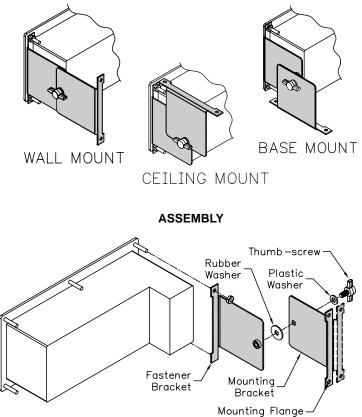
#### **INSTALLATION**

- 1. Remove the center section of the gasket provided with the display, and slide it over the rear of the display and onto the mounting studs.
- Orient the shroud and gasket as shown in the assembly figure, and place it over the display. The studs of the display should now be protruding through the rear of the shroud.
- Follow the remaining installation instructions for panel mounting, bracket mounting or enclosure mounting as appropriate.

#### LDP6-MB-MOUNTING BRACKETS

The LDP6-MB mounting brackets provide an easy way to base, wall, or ceiling mount the display. The LDP6-MB kit comes with two sets of brackets, and most of the hardware to mount the display at virtually any angle. The screws to attach the brackets to your surface are not provided due to the variety of installation options available.





#### Notes:

- 1. When installing the brackets, the fastener bracket must be installed on the studs of the display as shown.
- 2. The mounting bracket may be installed with the flange facing in or out.
- 3. The rubber washers provided must be installed between the two mounting brackets during assembly.
- 4. The screws for fastening the brackets to a surface are not provided in the LDP6-MB kit. The holes are 0.2" in diameter and will accept size #10 screws and smaller.

#### WARRANTY/DISCLAIMER

OMEGA ENGINEERING, INC. warrants this unit to be free of defects in materials and workmanship for a period of **13 months** from date of purchase. OMEGA's WARRANTY adds an additional one (1) month grace period to the normal **one** (1) **year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product.

If the unit malfunctions, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective, it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components in which wear is not warranted, include but are not limited to contact points, fuses, and triacs.

OMEGA is pleased to offer suggestions on the use of its various products. However, OMEGA neither assumes responsibility for any omissions or errors nor assumes liability for any damages that result from the use of its products in accordance with information provided by OMEGA, either verbal or written. OMEGA warrants only that the parts manufactured by the company will be as specified and free of defects. OMEGA MAKES NO OTHER WARRANTIES OR REPRESENTATIONS OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, EXCEPT THAT OF TITLE, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. LIMITATION OF LIABILITY: The remedies of purchaser set forth herein are exclusive, and the total liability of OMEGA with respect to this order, whether based on contract, warranty, negligence, indemnification, strict liability or otherwise, shall not exceed the purchase price of the component upon which liability is based. In no event shall OMEGA be liable for consequential, incidental or special damages.

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#### RETURN REQUESTS/INQUIRIES

Direct all warranty and repair requests/inquiries to the OMEGA Customer Service Department. BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OMEGA'S CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

- 1. Purchase Order number under which the product was PURCHASED,
- 2. Model and serial number of the product under warranty, and
- 3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

- 1. Purchase Order number to cover the COST of the repair,
- 2. Model and serial number of the product, and
- 3. Repair instructions and/or specific problems relative to the product.

OMEGA's policy is to make running changes, not model changes, whenever an improvement is possible. This affords our customers the latest in technology and engineering.

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