

Installation Instructions



IW26XD – Revision 5 – October 1998 – Page 1 of 2

LED Digital Panel Meters

Products Covered

262-DD
262-DG
267-DM*

* ANY LETTER OR NUMBER

Installation

The product may be mounted in a panel of any thickness up to a maximum of 12mm. Mounting is by two clamps and thumbscrews. 'picture mountings frame', 'mounting bracket' and/or 'front of panel spacer' are available where space is limited.

Consideration should be given to the space required behind the unit to allow for bends in the connecting cables. Additional protection to the panel may be obtained by the use of an optional gasket. The terminals at the rear of the case should be protected from liquids. Units should be mounted in a reasonably stable ambient temperature and in any event where the temperature is within the range 0-60°C. The unit should not be mounted where it is subjected to excessive direct sunlight, vibration should be kept to a minimum. Connection wires should be sized to comply with local regulation and should be terminated in rags suitable for the screw connections provided. Labels are fixed to the units and carry full connection information and data including type number, input voltage, current, frequency and supply as appropriate.

These products do not have internal fuses therefore external fuses **must** be used for safety protection under fault conditions.

Earth/Ground Connections

For safety reasons, CT secondary connections should be grounded according to local codes of practice.

Electromagnetic Compatibility (EMC) Installation Requirements

This product range has been designed to meet the certification requirements of the EU Directives when installed to a good code of practice for EMC in industrial environments. e.g.

1. Screen output and low signal input leads. In the event of RF fields causing problems where screened leads can not be used, provision for fitting RF suppression components, such as ferrite absorbers, line filters etc., must be made.
N.B. It is good practice to install sensitive electronic instruments that are performing critical functions, in EMC enclosures that protect against electrical interference causing a disturbance in function.
2. Avoid routing leads alongside cables and products that are, or could be, a source of interference.
3. To protect the product against permanent damage, surge transients must be limited to 2kV pk.
4. Electro Static Discharge (ESD) precautions must be taken at all times when handling this product.

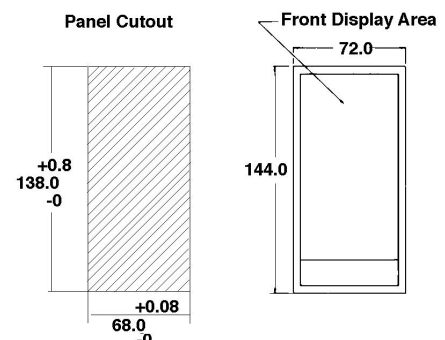
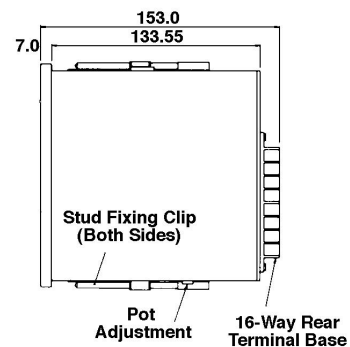
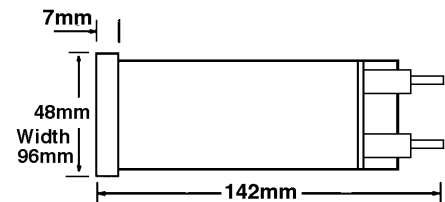
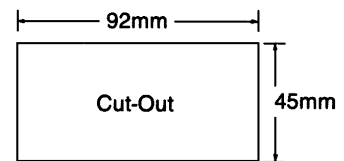
For assistance on protection requirements please contact your local sales office.

Setting Up and Maintenance

Units are adjusted before despatch and therefore no adjustments are required. Unless a fault develops, the unit requires little attention. During routine servicing and inspection of the associated equipment, the unit should be inspected to normal standards for this class of equipment. For example remove accumulation of dust and check all connections for tightness and corrosion.

In the event of a repair being necessary it is recommended that the unit be returned to the factory or to the nearest Crompton Instruments Service Centre, (details are on page 2). Should repair be attempted then replacement components must be the same type, rating and tolerance as those used in the original circuit. It is important that should calibration be deemed necessary, say after repair, then this should only be attempted if the required high accuracy equipment is available. With any enquiry please quote the full model number found on the nameplate. The unit must be recalibrated after repair.

Dimension Model 262

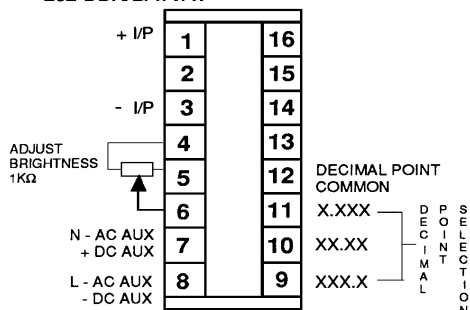


Installation Instructions

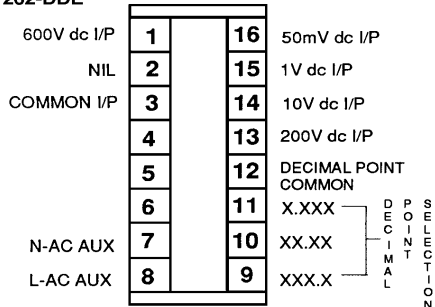


IW26XD – Revision 5 – October 1998 – Page 2 of 2

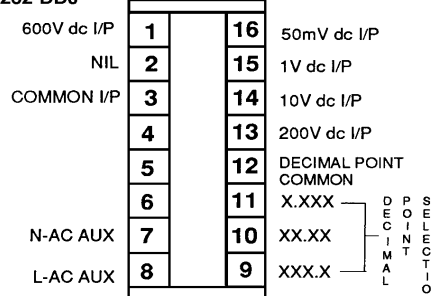
262-DDA/B/T/V/W



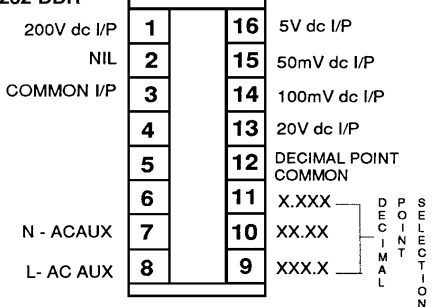
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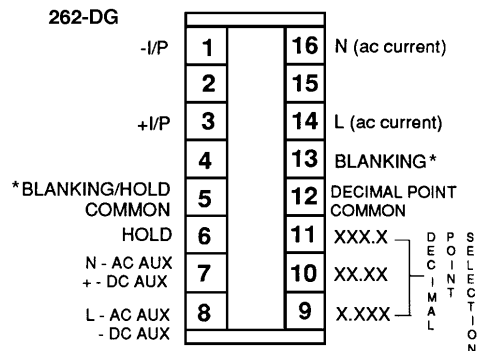
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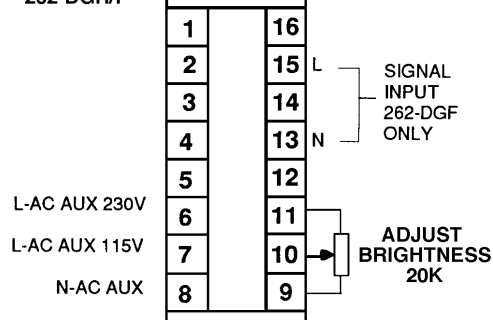
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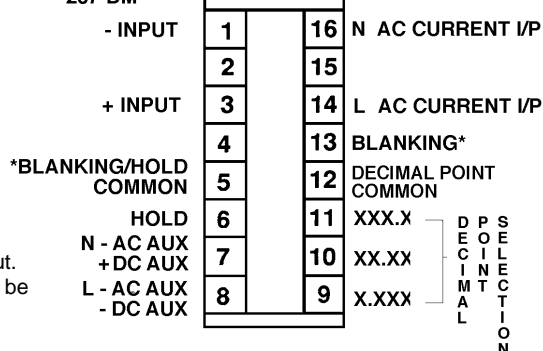
262-DG



262-DGH/F



267-DM



* blanking hold common is not isolated from the instrument's input. Therefore separate contacts must be used for individual isolation.

LOW VOLTAGE DIRECTIVE; This product complies with BSEN61010-1 WARNING

Voltages dangerous to human life may be present at some of the terminals of this unit. Ensure all supplies are de-energised before attempting any connection/disconnection. If it is necessary to make adjustments with the power connected then exercise extreme caution.

This product is manufactured by Crompton Instruments Limited, Freebournes Road, Witham, Essex, England. CM8 3AH. Telephone +44 (0) 1376 512601, Fax: +44 (0) 1376 518320. Our policy is one of continuous development, and although the information is correct at the time of publication, we reserve the right to supply products differing in construction or dimension from those illustrated and described.

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