

**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**

This unit has been designed to provide protection against EM (electro-magnetic) interference in line with requirements of EU and other regulations. Precautions necessary to provide proper operation of this and adjacent equipment will be installation dependent and so the following can only be general guidance:-

- Avoid routing wiring to this unit alongside cables and products that are, or could be, a source of interference.
- The auxiliary supply to the unit should not be subject to excessive interference. In some cases, a supply line filter may be required.
- To protect the product against incorrect operation or permanent damage, surge transients must be controlled. It is good EMC practice to suppress differential surges to 2kV or less at the source. The unit has been designed to automatically recover from typical transients, however in extreme circumstances it may be necessary to temporarily disconnect the auxiliary supply for a period of greater than 5 seconds to restore correct operation.
- Screened communication and small signal leads are recommended and may be required. These and other connecting leads may require the fitting of RF suppression components, such as ferrite absorbers, line filters etc., if RF fields cause problems.
- 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.

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.

**Digital Indicators**

**LED Digital Panel Meters 262 Series**

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.

**Fusing and connections**

1. This unit must be fitted with external fuses in voltage and auxiliary supply lines.
2. Voltage input lines must be fused with a quick blow fuse 1A maximum.
3. Auxiliary supply lines must be fused with a slow blow fuse rated 1A maximum.
4. Choose fuses of a type and with a breaking capacity appropriate to the supply and in accordance with local regulations.
5. Where fitted, CT secondaries must be grounded in accordance with local regulations.

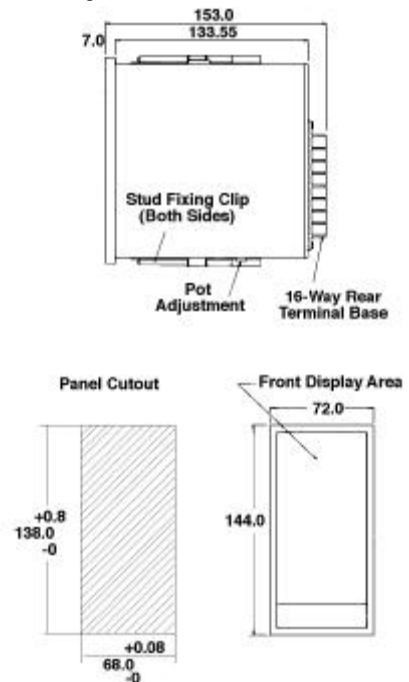
**Warning**

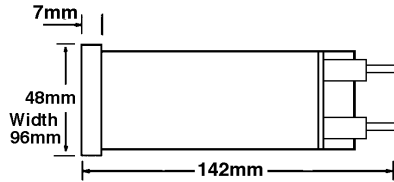
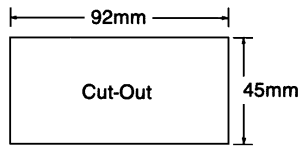
- During normal operation, voltages hazardous to life may be present at some of the terminals of this unit. Installation and servicing should be performed only by qualified, properly trained personnel abiding by local regulations. Ensure all supplies are de-energised before attempting connection or other procedures.
- Terminals should not be user accessible after installation and external installation provisions must be sufficient to prevent hazards under fault conditions.
- This unit is not intended to function as part of a system providing the sole means of fault protection - good engineering practice dictates that any critical function be protected by at least two independent and diverse means.
- Never open circuit the secondary winding of an energised current transformer.

**Screw torque**

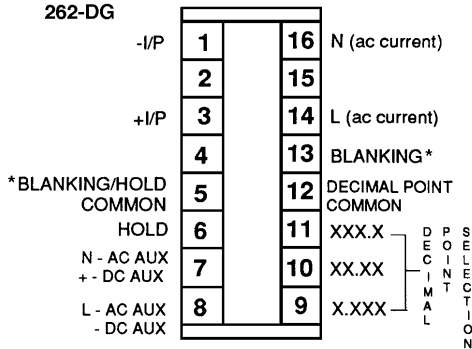
Main terminal screws should be tightened to 1.35Nm or 1.0 ft/lbf only. Detachable terminal connector screws should be tightened to 0.9Nm or 0.7 ft/lbf only. Where fitted, terminal covers are held in place by miniature self tapping screws into plastic. These screws should be tightened by hand only, sufficiently to secure the terminal cover and prevent it vibrating.

Dimensions  
Model 262

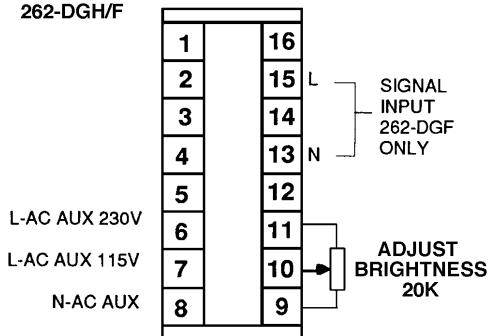




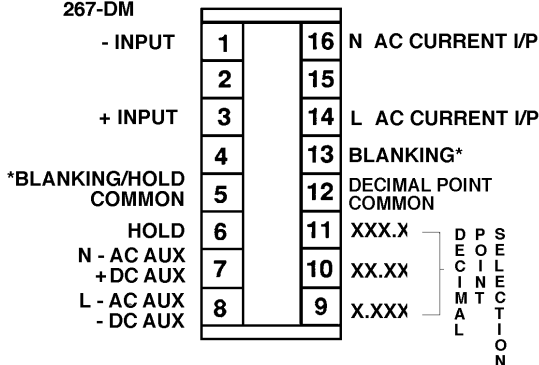
### 262-DG



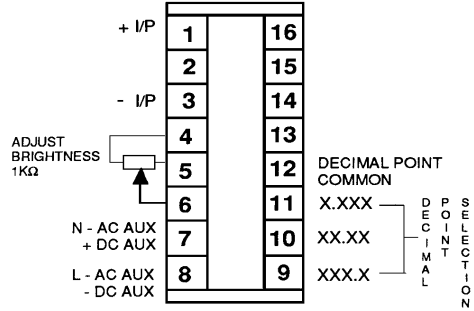
### 262-DGH/F



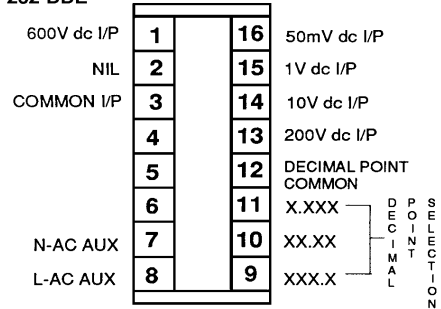
### 267-DM



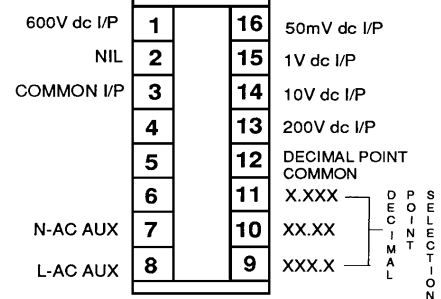
### 262-DDA/B/T/V/W



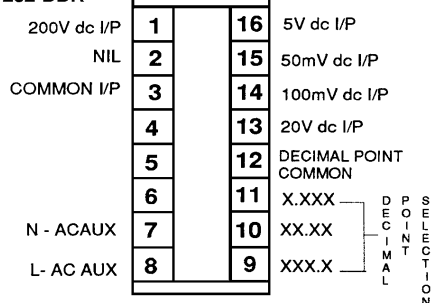
### 262-DDE



### 262-DDJ



### 262-DDR



The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, Tyco Electronics has no control over the field conditions, which influence product installation. It is the user's responsibility to determine the suitability of the installation method in the user's field conditions. Tyco Electronics' only obligations are those in Tyco Electronics' standard Conditions of Sale for this product and in no case will Tyco Electronics be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products. Crompton is a trademark.



**Tyco Electronics UK Limited**  
Crompton Instruments

Freebournes Road, Witham, Essex, CM8 3AH, UK  
Phone: +44 1376 509 509 Fax: +44 1376 509 511

<http://energy.tycoelectronics.com>