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Titan Bargraph Driven by Intuitive Panel Meter

## Titan Bargraph

Connection details and general information  
In addition to standard manuals

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## Warnings

To ensure the IP rating of this display, all fastening screws must be fitted according to instructions. Failure to do so will void the warranty offered on this product. Any lost / broken fixings need to be reported to the manufacturer so as replacements can be costed and sent. The liability for installation lies with the installer, London Electronics Limited takes no responsibility for death, injury, accident or effect for poor / incorrect installation. London Electronics Limited have quoted to supply the display items and mountings only, a full stability report, risk assessment and structural report should be undertaken by the installer prior to installing the products.

Please carefully read this manual and all warnings. Install the display **ONLY** when you are sure that you've covered all aspects.



Where the product is intended for "UL" installations, removal or addition of option boards is not permitted.



Check that the model number and supply voltage suit your application before you install the display.



Connect the display according to current IEE regulations, IEC61010 & NFPA:70 National Electric Code in USA.



Don't touch any circuitry after you have connected the display, because there may be lethal voltages on the circuit board.



Do not apply power to the display if its case is open.



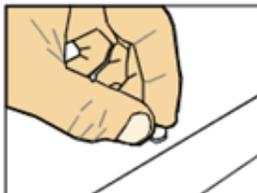
Only adjust on-board switches or connections with the power turned off



Make sure all screw terminals are tight before you switch the meter on.



Only clean the display's case and window with a soft damp cloth. Only lightly dampen with water. Do not use any other solvents.



### Rear case screws - please note

The rear panel is held in place with finger-screws, which only need to be gently tightened.  
**Do not use tools to tighten or loosen the screws, as this could cause damage to the internal threads.**

**Safety First .....Don't assume anything..... Always double check.  
If in doubt, ask someone who is QUALIFIED to assist you in the subject.**

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# Installation

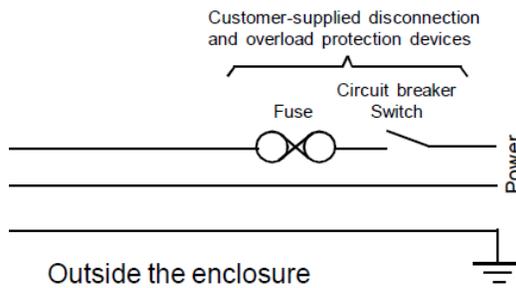
## Power

### TITAN Bargraph Power

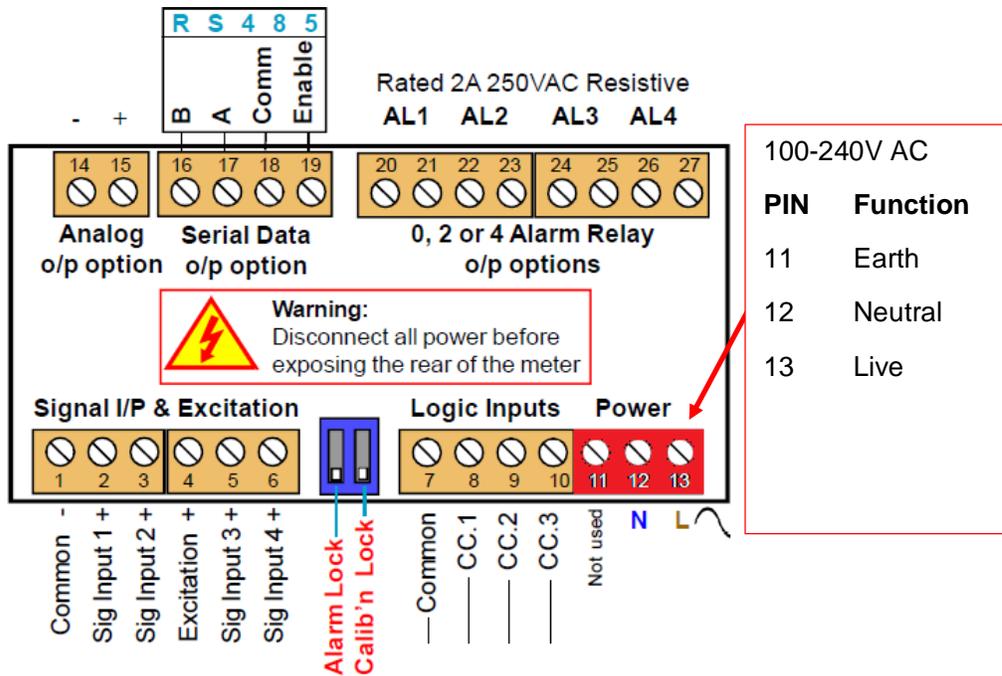
Power Input is 100 – 240V AC, and goes in through the 3 core cable coming out of the unit, colour codes as shown below:

Colour	Cable Function
Brown	Line
Blue	Neutral
Green/Yellow	Earth

### Overload protection

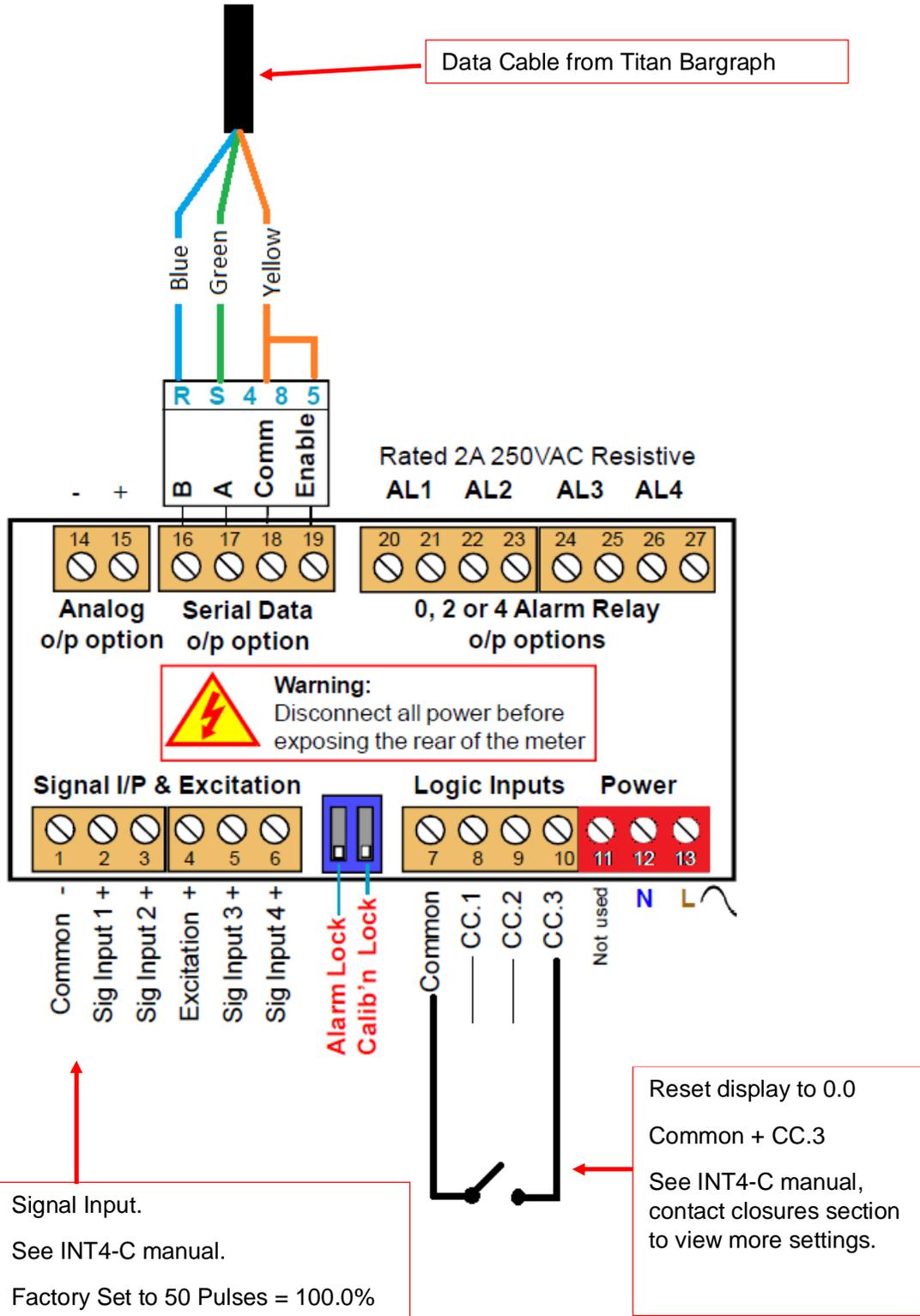


### INT4-C Power



# Installation

## Data & Signal

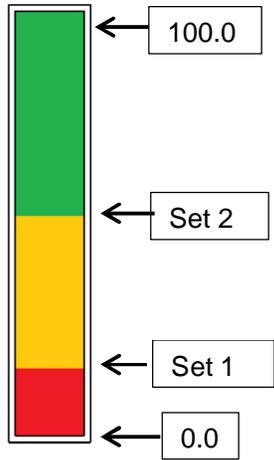


Signal Input.  
See INT4-C manual.  
Factory Set to 50 Pulses = 100.0%  
Total mode, NPN, Debounce off,  
Increments on Com + Sig 1.

Reset display to 0.0  
Common + CC.3  
See INT4-C manual,  
contact closures section  
to view more settings.

## Adjusting Titan Bargraph Colours

To enter these settings both lockouts on the back of the INT4-C must be on. To access all other settings these lockouts must normally be off or set as shown in the INT4-C Manual.



### About

The Colour red starts from 0.0 and finishes at the point “set1”.

The Colour Amber starts from “Set1” and finishes at the point “set2”.

The Colour green starts from “Set2” and finishes at 100.0

The position of Set1 and Set2 can be adjusted on the panel meter between the ranges of 0.0 to 100.0 only. Position 0.0 and 100.0 are fixed and should not be changed.

### Adjusting Position Of set2

Set1 Digit Set2 Max/Min Output Reser Alarme OK

Press 3 seconds

**Lockout Switch must be ON**

Circuit board ON

Both lockout switches on the rear of the panel meter must be ON

Set1 Digit Set2 Max/Min Output Reser Alarme OK

Press to accept

Use DIGIT to select each digit in turn, and the UP or DOWN arrow to increase or decrease each digit's value, as required.

Select a number greater than “set1” and smaller than 100.0

Set1 Digit Set2 Max/Min Output Reser Alarme OK

Press to accept

✓ Done!

### Adjusting Position Of set1

Set1 Digit Set2 Max/Min Output Reser Alarme OK

Press 3 seconds

**Lockout Switch must be ON**

Circuit board ON

Both lockout switches on the rear of the panel meter must be ON

Set1 Digit Set2 Max/Min Output Reser Alarme OK

Press to accept

Use DIGIT to select each digit in turn, and the UP or DOWN arrow to increase or decrease each digit's value, as required.

Select a number smaller than “set2” and greater than 0.0

Set1 Digit Set2 Max/Min Output Reser Alarme OK

Press to accept

✓ Done!

**Notes**

