

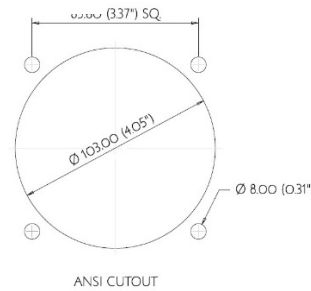
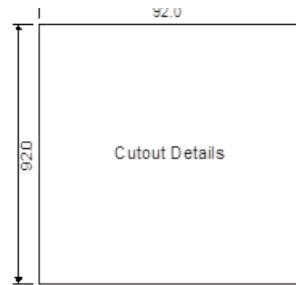


## Installation Instructions

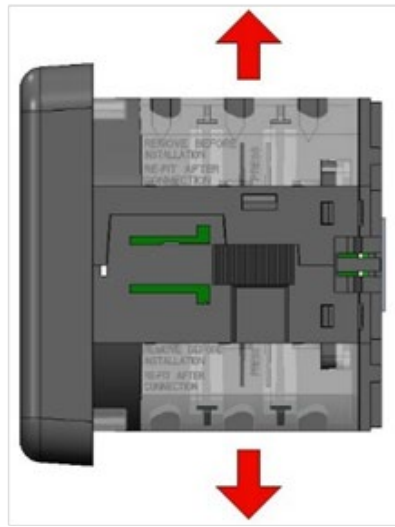
**Integra INT-2270  
Integra INT-2170  
Power Quality Meter**

### Warnings Caution: Risk of Electric Shock

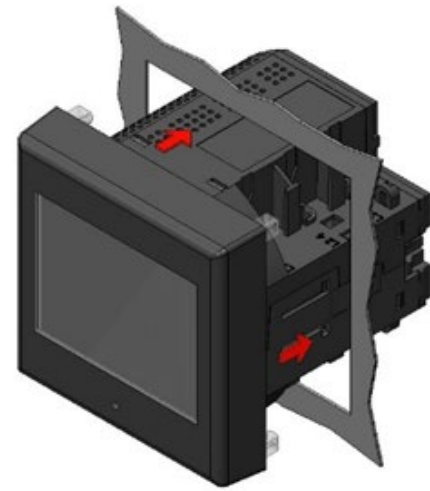
- During normal operation, voltages hazardous to life may be present at some of the terminals of this unit.
- At voltages below that specified in the Range of Use the meter may shut down. However, voltages hazardous to life may still be present at some of the terminals of this unit.
- Installation and 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.
- The unit does not have internal fuses therefore external fuses must be used for protection and safety under fault conditions.
- Never open-circuit the secondary winding of an energized current transformer.
- This product should only be operated with the CT secondary connections earthed.
- If this equipment is used in a manner not specified by the manufacturer, protection provided by the equipment may be impaired.
- During installation suitable PPE, including eye protection MUST be worn at all times



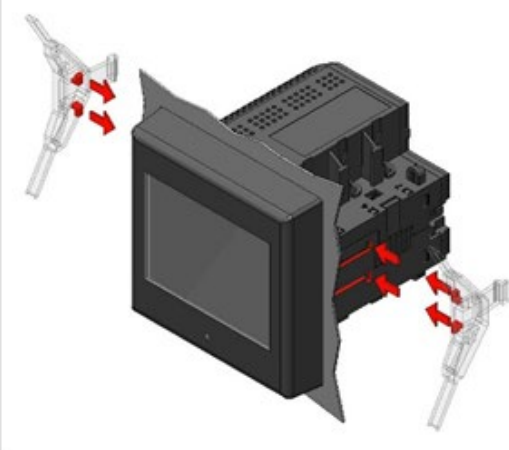
### Installation to the Panel



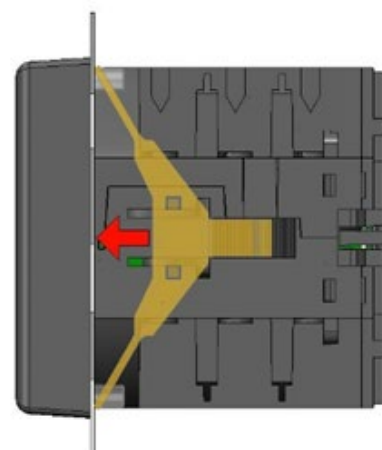
Remove the terminal covers and ensure the gasket is fitted to the product.



Slide the product into the panel. Using the gasket if necessary to provide a seal around the panel.

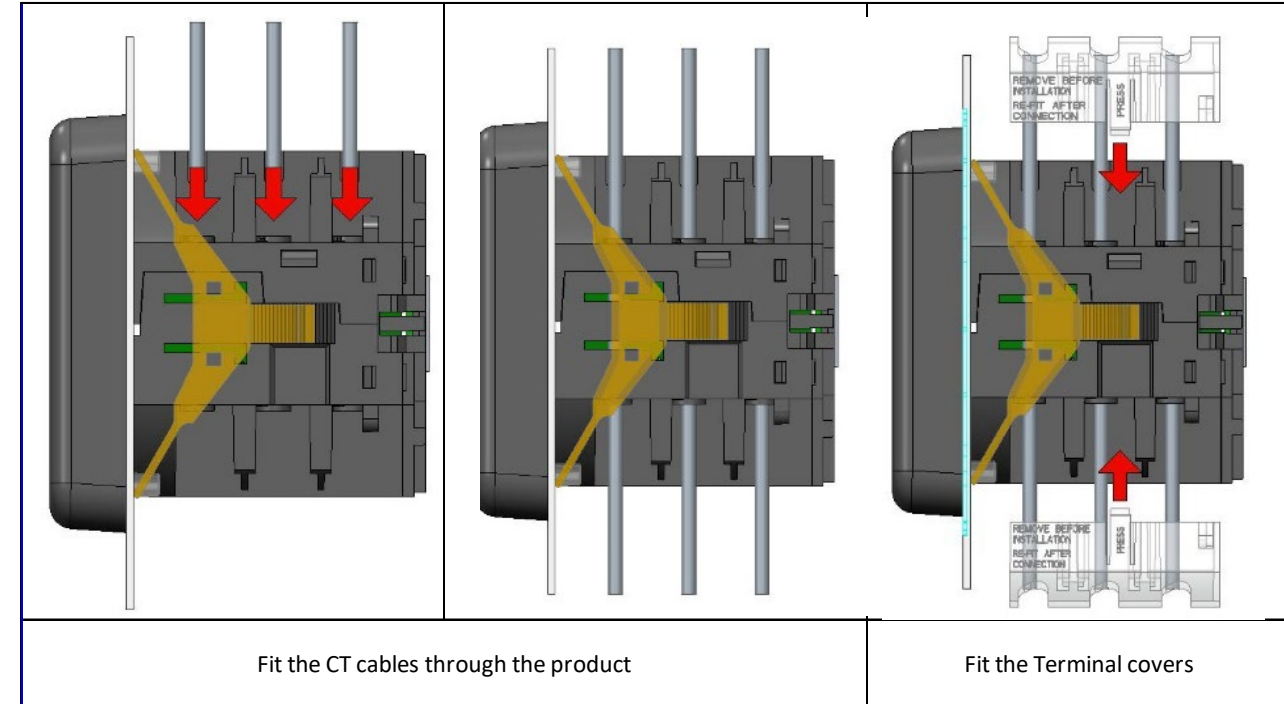


Engage the panel clamp into the case

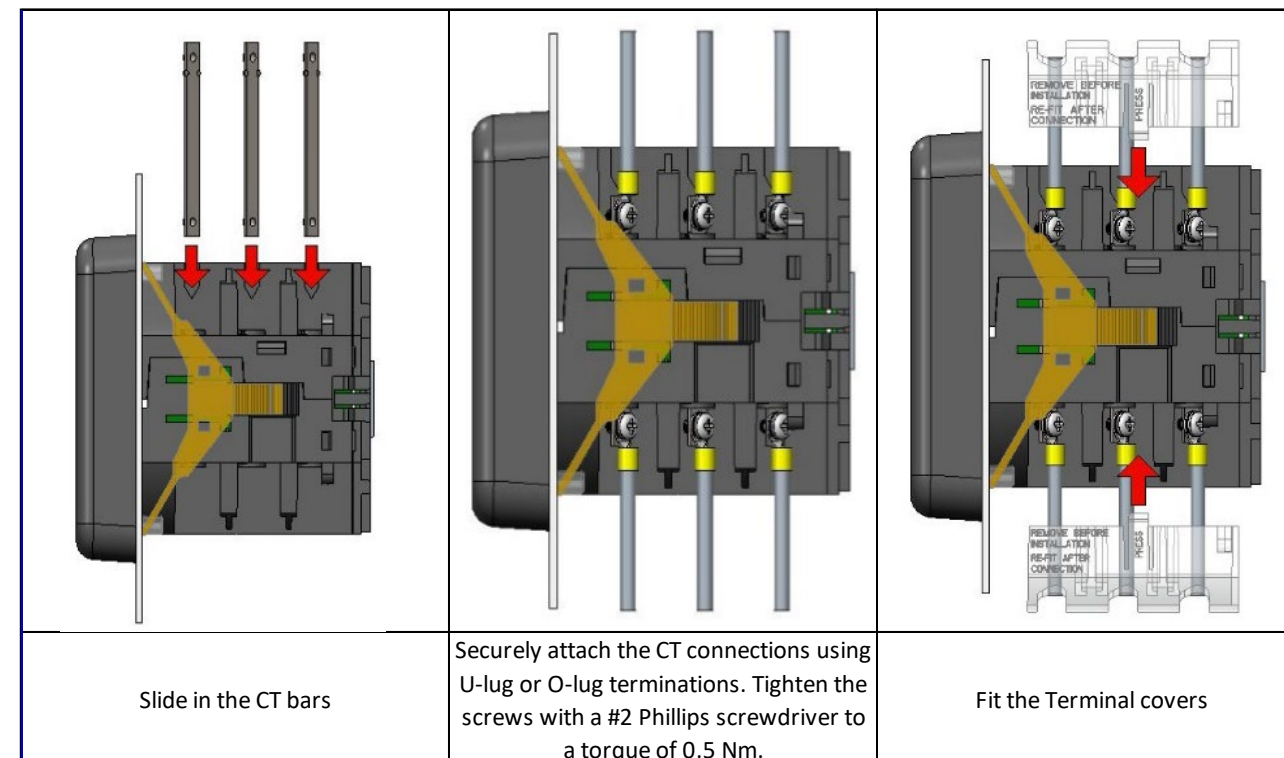


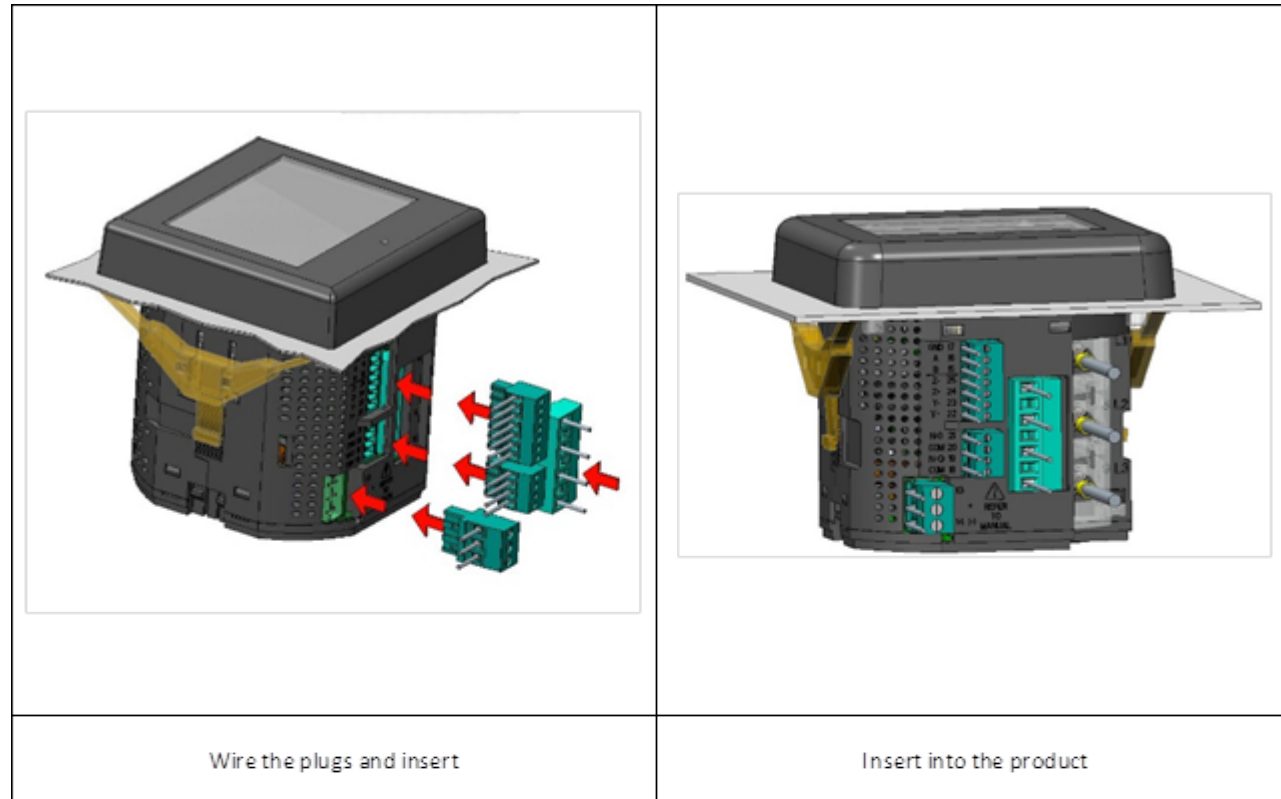
Slide the panel clamps to the panel. The ratchet feature in the product case provide excellent grip to the panel.

### CT Connections – Pass Through



### CT Connections – BAR

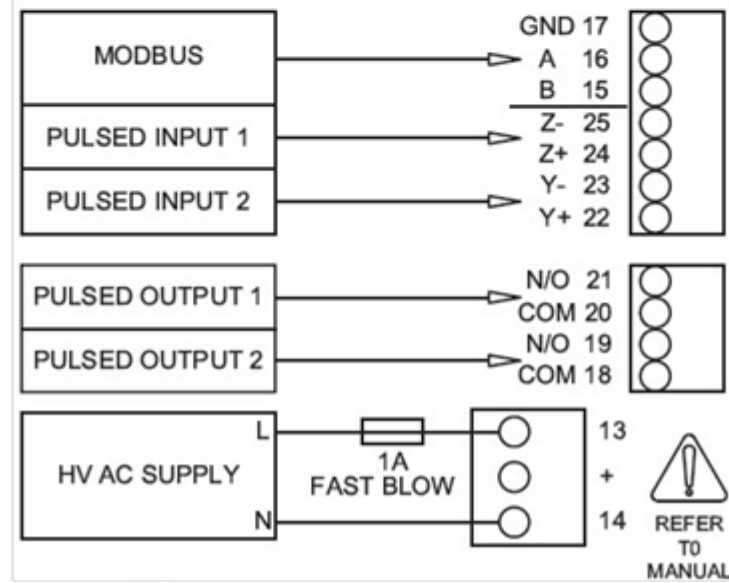




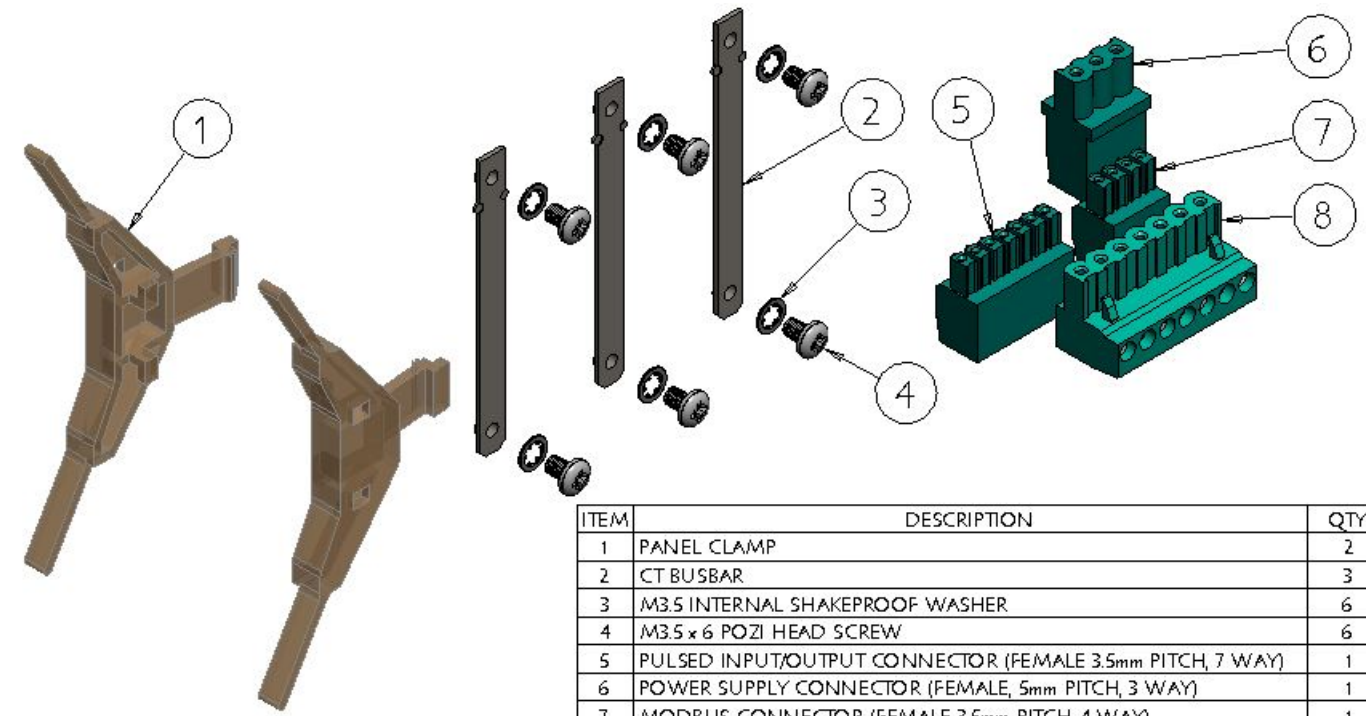
Wire the plugs and insert

Insert into the product

CONNECTION DETAIL



Fixing and Installation Kit (Supplied)



ITEM	DESCRIPTION	QTY
1	PANEL CLAMP	2
2	CT BUSBAR	3
3	M3.5 INTERNAL SHAKEPROOF WASHER	6
4	M3.5 x 6 POZI HEAD SCREW	6
5	PULSED INPUT/OUTPUT CONNECTOR (FEMALE 3.5mm PITCH, 7 WAY)	1
6	POWER SUPPLY CONNECTOR (FEMALE, 5mm PITCH, 3 WAY)	1
7	MODBUS CONNECTOR (FEMALE 3.5mm PITCH, 4 WAY)	1
8	VOLTAGE SIGNAL CONNECTOR (FEMALE, 10mm PITCH, 4 WAY)	1

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Tyco Electronics UK Ltd

TE Energy  
 Freebournes Road  
 Witham, Essex CM8 3AH  
 Phone: +44 (0)870 870 7500  
 Fax: +44 (0)870 240 5289  
 Email: Crompton.info@te.com  
 www.crompton-instruments.com

