

# CTM-25

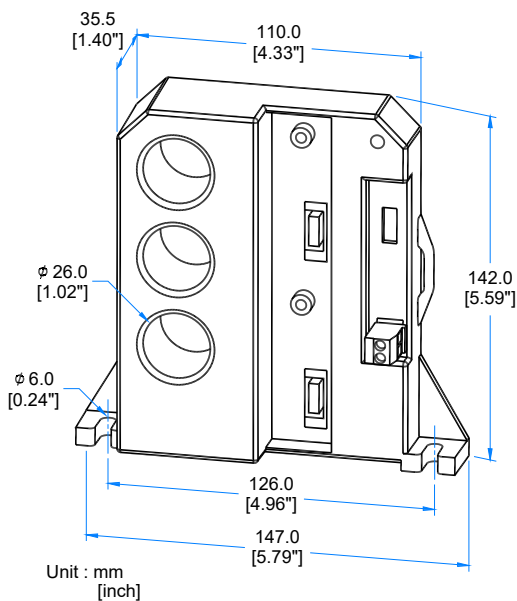
## BTB Type ATS All-In-One Current Transformer (CT) & Communication Module

### Features

- One piece integrated Current Transformer and Communication Interface, for increased convenience and space saving
- Exclusive for BTB type ATS with trouble free connection
- Provide load current reading for single and three phase system
- Plug and play, no configuration required
- Connect up to two [KCU-XX](#) communication modules
- Mistake-proof connection design
- Wiring cable-tie fixture design
- Power input and Connection status indicator
  - GREEN indicator (Constant) : Power input connected
  - RED indicator (Flashing) : In communication with BTB
  - RED indicator (Constant) : BTB & CTM-25 Connection lost



### Dimensions



### Specification

DC Power Input	DC Power Input
Current Display	Current Display
Static Power Dissipation	Static Power Dissipation

### Physical Specifications

Dimension	142.0 (L) x 147.0 (W) x 35.5 (H) mm
	5.59 (L) x 5.79 (W) x 1.40 (H) inch
Weight	188 g +/-2% (0.41 lb +/-2%)

### Environment

Operating Temperature	-20 to +60 °C
Storage Temperature	-30 to +80 °C
Relative Humidity	Below 95%

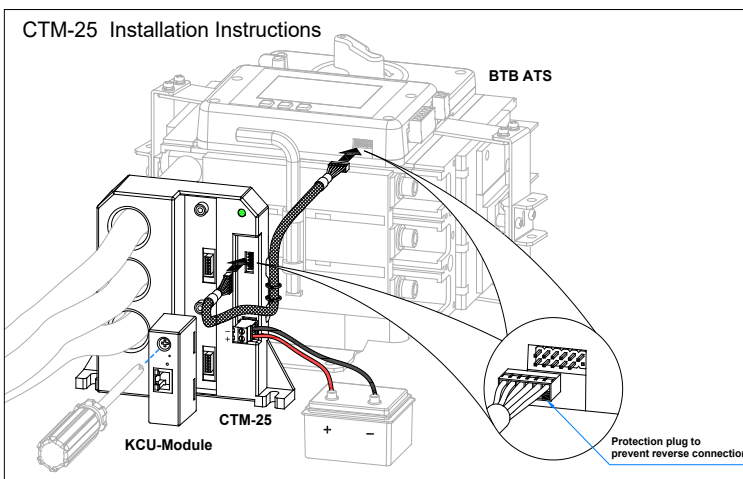
### Accessories

Standard		
HU-025-KCU-09	250 mm Connection Harness	x 1
Optional		
HU-050-KCU-09	500 mm Connection Harness	
HU-100-KCU-09	1000 mm Connection Harness	

### Optional KC Module

<a href="#">KCU-05</a>	Modbus RTU protocol	<a href="#">KCU-06</a>	SNMP network protocol
<a href="#">KCU-07</a>	Modbus TCP/IP Internet protocol	<a href="#">KCU-31</a>	Ethernet Network

### Installation Instructions



### CTM-25 Installation

1. Install the CTM-25 onto the enclosure base plate towards the BTB load output
2. Insert the output power cable through CTM-25 and firmly secure onto the BTB terminal lugs
3. Install required KCU-XX communication module(s) onto the CTM-25 connection socket (Two slots can be used freely). Omit step if remote access is not required
4. Connect BTB and CTM-25 mistake -Proof connection harness
5. Connect DC power supply (9~36 VDC) to CTM-25 module  
Warning: Be aware of power input polarity (Cannot be reversed)

