

KXT43I-8 3Phase AC Current Transmitter



Product Overview

Three-phase AC current transmitter is a device specially used to measure three-phase AC current in the power grid, its core function is to convert the AC current into a linear DC analog signal for further processing and transmission. This equipment is widely used in industrial control, power monitoring and other fields, especially in the need for accurate monitoring and AC current changes.

Product Parameter

Installation method: standard guide rail + plane screw fixation

Primary rated current: AC 0-50A

Original measuring range :1.2 times linear overload

Rated output :DC4-20mA,0-10V,DC0-20mA,0-5V

Auxiliary power supply :DC24V

Load capacity: $RL \leq 650\Omega$

Linearity: 0.1%

Accuracy: 0.5%

Overload capacity: 10 times nominal input

Isolated voltage: 2.5kV/50Hz,1Min

Offset current: $\leq 80\mu A$

Temperature drift: $\leq 500PPM/^{\circ}C$

Band width :40~1KHz

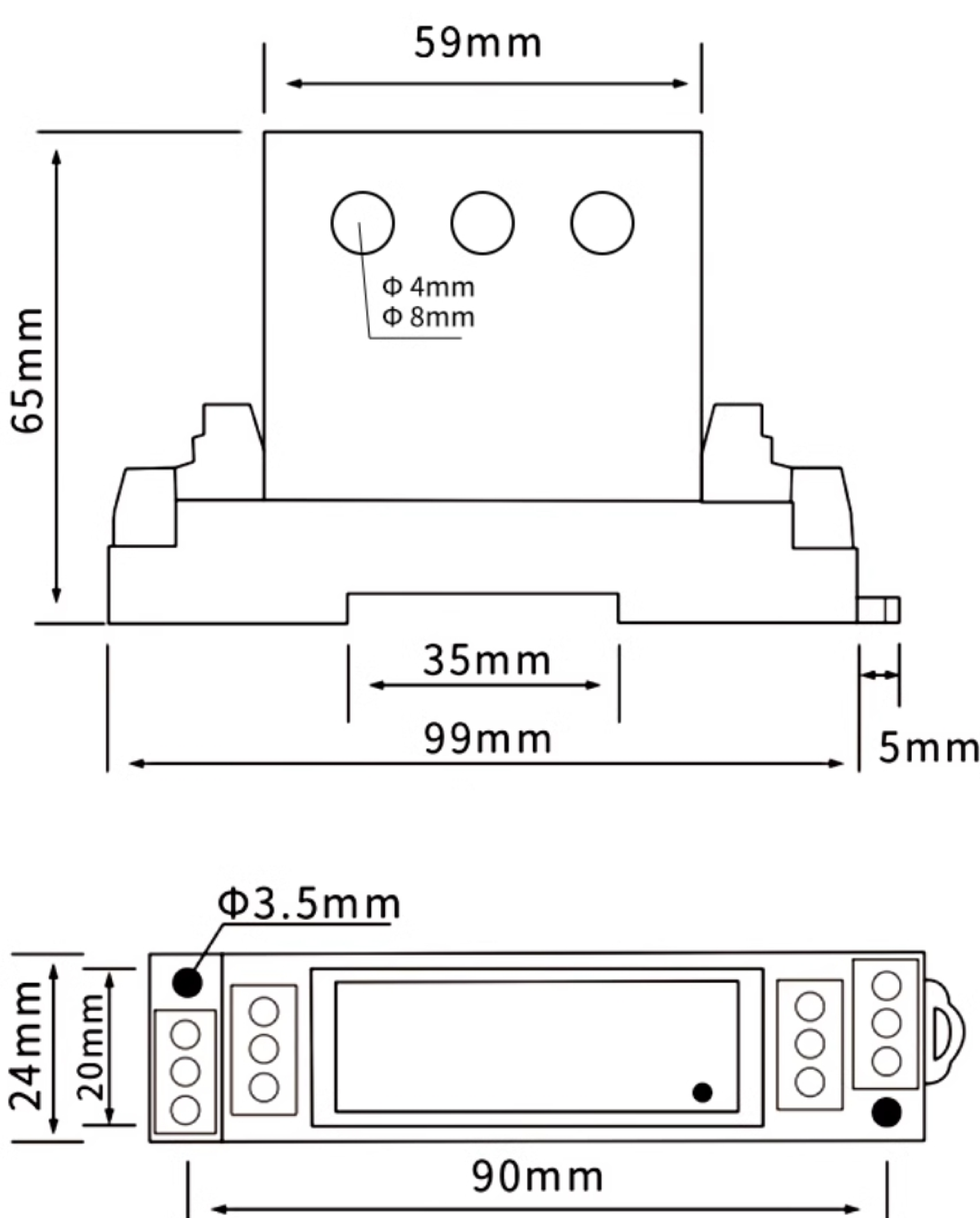
Consumption current: < 15mA+ output current

Response time :<200Ms

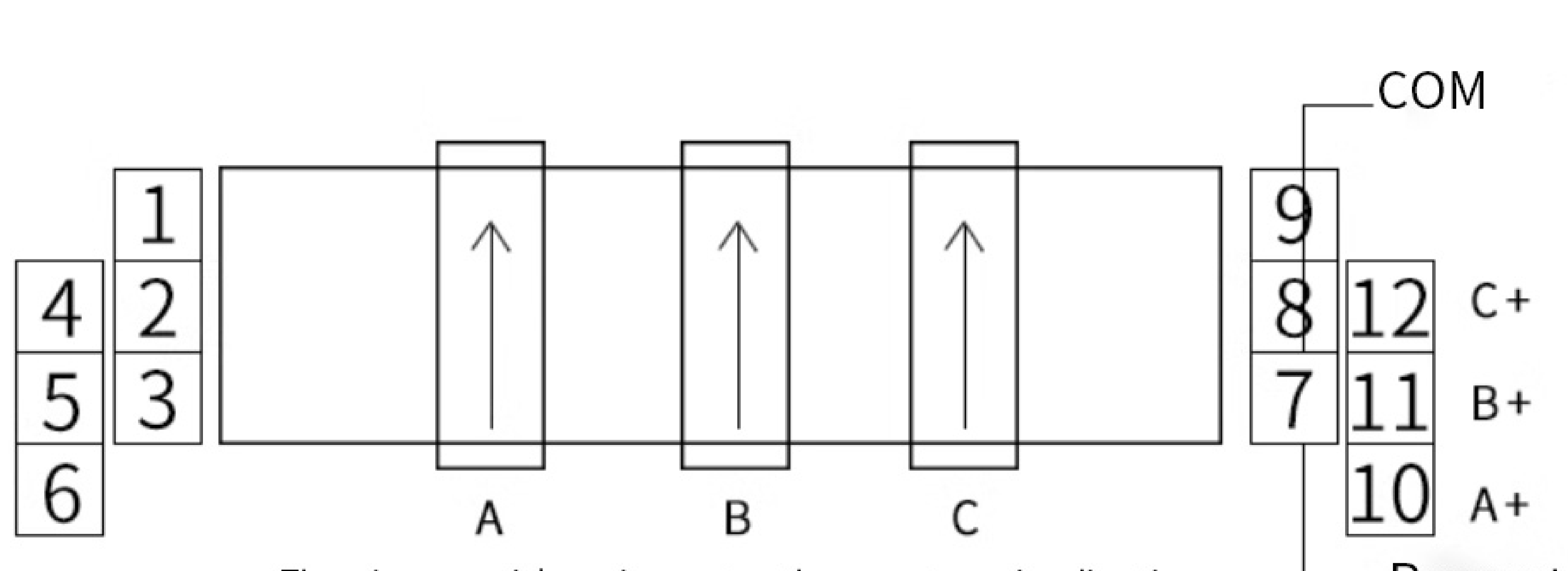
Operating temperature : $-10^{\circ}C \sim +70^{\circ}C$

Storage temperature : $-25^{\circ}C \sim +85^{\circ}C$

Product Size



Product Wire



- ▶ The power supply must be connected in strict accordance with the wiring diagram.
- ▶ Thread directions Punch holes in the direction of the arrow marked on the product.

Installation Precautions

- ▶ Warning!
 1. Before using the current transmitter, carefully check and confirm the quantity, model and specification of the product according to the packing list and product label, and carefully read the operation manual of the current transmitter.
 2. The use environment of the current transformer transmitter should be free of conductive dust, corrosive gas, strong impact and vibration.
 3. The integrated structure of the current converter transmitter is not removable, and collision and fall should be avoided. Do not alter or tear any label on the product.
 4. When the current transmitter is installed centrally, the installation spacing is usually $> 10mm$.
 5. When using, wiring must be strictly in accordance with the wiring method in the instruction manual, and then switch on the power and signal after checking.