

# **Three-Phase Transducer**

**BJ-QPAX / QPVX**

**User Manual**

**Version: 1.3**

## Features

- AC Voltage Input: 110V,220V,380V optional
- AC Current Input: 0-5A, 5-10A, 0-10A optional
- Output: 0-5V,0-10V,4-20mA, 0-20mA optional
- RMS measurement and output
- 0.2 measurement accuracy
- 200ms response time
- 35mm Din rail mounting
- Support customized parameters

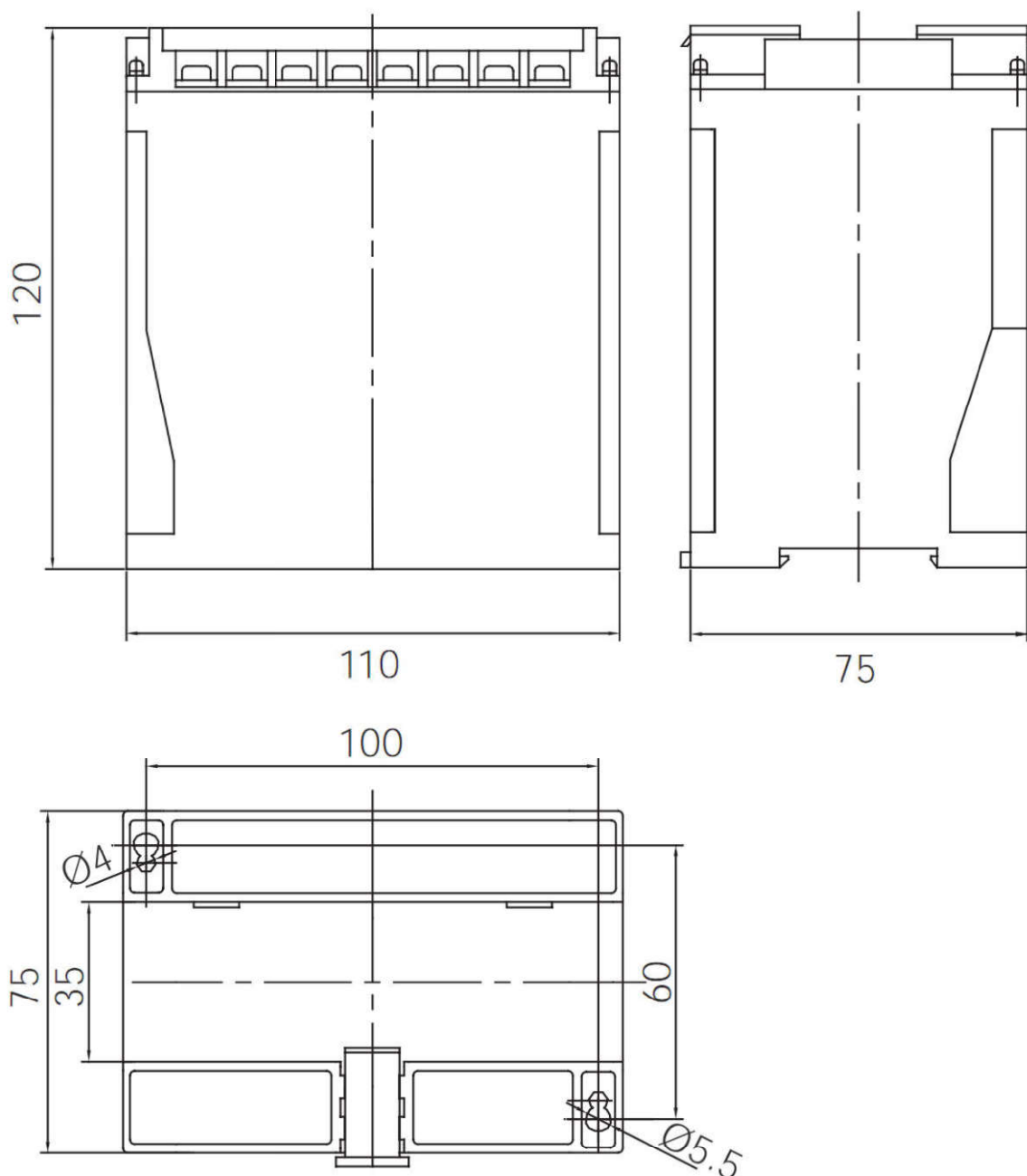
## Technical parameters

|                       |                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------|
| Power Supply          | AC/DC 85~265VAC/DC (..Customer specified)                                                                |
| Signal input          | Current(QPAX): 0~1A / 0~5A(..Customer specified)<br>Voltage(QPVX): 0~100V / 0~400V(..Customer specified) |
| Output                | DC 4 ~ 20 mA / 0~20mV / 0-5V / 0-10V                                                                     |
| Accuracy              | $\leq \pm 0.5\%$                                                                                         |
| Accuracy drift        | Annual Variation < 0.2%                                                                                  |
| Response time         | $\leq 200$ ms                                                                                            |
| Isolation             | Input / output / power supply                                                                            |
| Power consumption     | DC $\approx 3$ W, AC $\approx 4$ VA                                                                      |
| Case Material         | ABS fireproof materials                                                                                  |
| Insulation Voltage    | AC 2KV RMS / min                                                                                         |
| Weight                | About 650g                                                                                               |
| Insulation Resistance | When DC 500V , $\geq 100$ M $\Omega$                                                                     |
| Dimension             | 120(L) X 110(W) X 75(H) mm                                                                               |
| Installation          | Fixed in a standard 35mm (1.38 inch) DIN rail<br>or screwed on the cabinet                               |
| Working Condition     | 0 ~ 50C/ less than 95% RH (Non-condensing)                                                               |
| Storage Conditions    | -20 ~ 70C/ less than 70% RH (Non-condensing)                                                             |

[illegible]

**Detail wiring instructions please refer to product label**

## Dimension



## Notes

1. Please confirm the parameter on the label match the order specification
2. Confirm the power supply, input current and voltage
3. Transducer can connect to the CT / PT secondary side

For any inquiry about the instrument performance or whether any failure happens, contact to Blue Jay's technical service.

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