

RCT-S Rigid Rogowski Coil Current Transformer

Instruction

The converter precision of rigid solid rogowski coils current sensor is the highest in the rogowski coils current sensors. Also, it is with strongest anti-Jamming ability. The application is suitable for electric energy metering, efficiency and small current measurement site.



Working Condition

| | |
|---|--------------------------------------|
| Ambient Temperature | -20 ⁰ C~80 ⁰ C |
| Relative Humidity | 5~95% |
| Altitude | ≤3000m |
| No strong vibration site | |
| No strong corrosive gas, steam, or salt in the air Site | |

Mainly Technology Parameter

| | |
|-------------------------|-----------------------------|
| Max withstand voltage | 0.66KV(Can be customized) |
| Rated Input | 10A~300KA |
| Rated Output | 4V,1A (A.C) or 4~20mA (D.C) |
| Accurately Class | 0.1%, 0.2% |
| Rated Power Supply | ±12V、24V、5V D.C Or 220V A.C |
| Rated Power Consumption | ≤10W |
| Working Frequency | 1HZ—1MHZ |

Mainly Specification

| No. | Ratio | Input | Output | | |
|-----|----------|-------|------------|------------|------------|
| | | | AC Voltage | DC Current | AC Current |
| 1 | 10A/4V | 10A | 4V | 4~20mA | 0~1A |
| 2 | 100A/4V | 100A | 4V | 4~20mA | 0~1A |
| 3 | 500A/4V | 500A | 4V | 4~20mA | 0~1A |
| 4 | 3000A/4V | 3000A | 4V | 4~20mA | 0~1A |
| 5 | 10kA/4V | 10kA | 4V | 4~20mA | 0~1A |
| 6 | 25kA/4V | 25kA | 4V | 4~20mA | 0~1A |
| 7 | 60kA/4V | 60kA | 4V | 4~20mA | 0~1A |
| 8 | 80kA/4V | 80kA | 4V | 4~20mA | 0~1A |
| 9 | 150kA/4V | 150kA | 4V | 4~20mA | 0~1A |
| 10 | 300kA/4V | 300kA | 4V | 4~20mA | 0~1A |

Remark: Other specifications can be customized.

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