

# SOLID-CORE CURRENT TRANSFORMER

## JP52W

### ELECTRICAL PROPERTIES

- Rated Current for 60A / 30 mA
- Turns Ratio for 1 : 2000
- Phase error (°) for 0.11
- L (H) for 85 ± 15%
- DCR (Ω) for 43 ± 6%
- Suggested burden resistor (Ω) for 5
- Ambient Temp. range for -40°C~+70°C
- Storage Temp. range for -40°C~+85°C
- High-Potential Voltage for a.c 2.5KV / 1min
- Insulation Resistance for DC 500V / 100MΩ
- Operating Frequency for 50/60Hz
- Complied to IEC 62053-22, ANSI C12.20 & RoHS

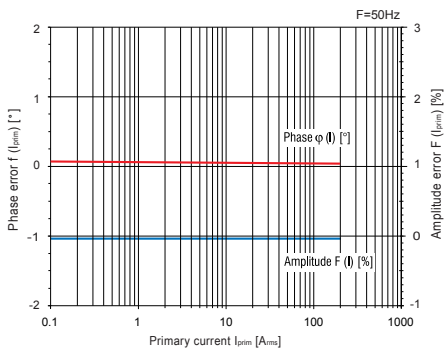


### SPECIFICATION

Accuracy conforms to IEC 61869-2,  
meets the measuring range from 1 to 120 % of In

| Model        | Primary Current Range |             | Error | Turns Ratio | Characteristical Value |                  |       |         |        | Terminal Structure | Inner Dia.φ |
|--------------|-----------------------|-------------|-------|-------------|------------------------|------------------|-------|---------|--------|--------------------|-------------|
|              | Rated Current         | Max Current |       |             | Phase $\phi(l)$ (°)    | $I_{max}$ [Arms] | L (H) | Rcu (Ω) | RB (Ω) |                    |             |
| <b>JP52W</b> | 100/200               | 260         | 0.11  | 1:2000      | 100                    | 85               | 43    | 5       | 0.25   | Wire               | 13          |

### GRAPH



### DIMENSION

