



## ESCT-T Series

### SPLIT CORE CURRENT TRANSFORMER

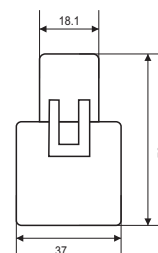
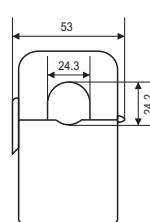
- Split Core, easy installation
- Primary input 100A~600A
- Secondary output 5A / 1A
- Safe operation
- Standard: IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006

#### Specification

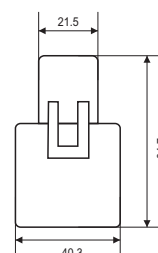
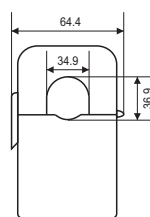
|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Frequency               | 50~60Hz                                          |
| Rated current           | 100A to 600A loads                               |
| Rated output            | 1A / 5A (AC)                                     |
| Accuracy                | Class 0.5 or 1 from 20% to 120% of rated current |
| Phase angle             | Less than 2 degrees at 50% of rated current      |
| Insulation voltage      | 600Vac                                           |
| Maximum primary voltage | 5000Vac (Insulated Conductor)                    |
| Dielectric strength     | 2.5KV/1mA/1min                                   |
| Operating temperature   | -12°C to +75°C.                                  |
| Operating humidity      | <85%                                             |
| Case material           | PC / UL94-V0                                     |
| Bobbin                  | PBT                                              |
| Core                    | Permalloy                                        |
| Internal structure      | Epoxy                                            |

| Model      | Ratio (A) | Burden (VA) |           |
|------------|-----------|-------------|-----------|
|            |           | Class:0.5   | Class:1.0 |
| ESCT-T24-1 | 100/1     | -           | 1.5       |
| ESCT-T24-1 | 150/1     | -           | 1.5       |
| ESCT-T24-1 | 200/1     | 1.5         | 2.5       |
| ESCT-T24-1 | 250/1     | 1.5         | 3.75      |
| ESCT-T24-1 | 300/1     | 2.5         | 5         |
| ESCT-T24-1 | 400/1     | 3.75        | 6.25      |
| ESCT-T36-1 | 100/1     | -           | 1         |
| ESCT-T36-1 | 150/1     | 1.5         | 3.75      |
| ESCT-T36-1 | 200/1     | 2.5         | 5         |
| ESCT-T36-1 | 300/1     | 5           | 7.5       |
| ESCT-T36-1 | 400/1     | 5           | 10        |
| ESCT-T36-1 | 500/1     | 7.5         | 10        |
| ESCT-T36-1 | 600/1     | 10          | 15        |
| ESCT-T24-5 | 100/5     | -           | -         |
| ESCT-T24-5 | 150/5     | -           | -         |
| ESCT-T24-5 | 200/5     | 1           | 1.5       |
| ESCT-T24-5 | 250/5     | 1.5         | 2.5       |
| ESCT-T24-5 | 300/5     | 2.5         | 3.75      |
| ESCT-T24-5 | 400/5     | 2.5         | 5         |
| ESCT-T36-5 | 100/5     | -           | -         |
| ESCT-T36-5 | 150/5     | -           | 1         |
| ESCT-T36-5 | 200/5     | 1           | 2.5       |
| ESCT-T36-5 | 300/5     | 2.5         | 5         |
| ESCT-T36-5 | 400/5     | 5           | 6.25      |
| ESCT-T36-5 | 500/5     | 5           | 6.25      |
| ESCT-T36-5 | 600/5     | 5           | 6.25      |

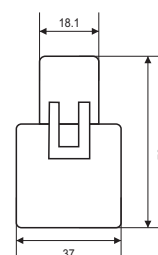
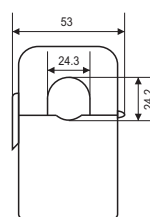
#### ► Dimensions



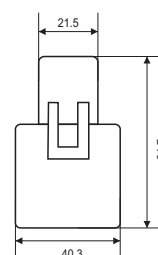
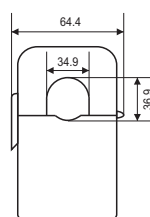
ESCT-T24-1



ESCT-T36-1



ESCT-T24-5



ESCT-T36-5