



# Thousand Hundred Industrial Co., Ltd.

## Split-Core Current Transformers 50/60Hz

ella@thic.net

■ UL Approved No: E318452

■ CE Approved No: AT011602373S/E ; ES151231015S

- Frequency Range: 50 /60Hz
- Operating Temperature Range: -20°C to +85°C
- Storage Temperature Range: -25°C to +90°C
- Rated System Voltage: 600V AC.
- All Current ,Voltage refer to RMS Value.
- Isolated Voltage : 4000V AC.
- Fully RoHS Compliant.
- Products are in accordance with UL requirements.

### Nomination



### Quick To Choose

| Item | Type           | Accuracy (%) | Primary Current | Mechanical Dimensions            |                      |                      | SPEC Download/ Link |
|------|----------------|--------------|-----------------|----------------------------------|----------------------|----------------------|---------------------|
|      |                |              |                 | L*W                              | ID                   | HT                   |                     |
|      |                |              |                 | mm/inch                          |                      |                      |                     |
| 07   | CT24-B<br>(mA) | ≥ 1%         | 50A~300A        | <u>65.5*45.2</u><br>2.579*1.780  | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |                     |
| 08   | CT24-C<br>(mA) | ≥ 1%         | 200A~600A       | <u>84.0*57.0</u><br>3.307*2.244  | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |                     |
| 09   | CT24-D<br>(mA) | ≥ 1%         | 100A~150A       | <u>41.5*30.0</u><br>1.634*1.181  | <u>10.5</u><br>0.413 | <u>23.0</u><br>0.906 |                     |
| 10   | CT24-E<br>(mA) | ≥ 1%         | 150A~200A       | <u>66.0*41.0</u><br>2.598*1.614  | <u>15.5</u><br>0.610 | <u>38.0</u><br>1.496 |                     |
| 11   | CT24-F<br>(mA) | ≥ 1%         | 150A~200A       | <u>78.0*50.0</u><br>3.071*1.969  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |                     |
| 12   | CT24-G<br>(mA) | ≥ 1%         | 200A~250A       | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |                     |
| 13   | CT24-H<br>(mA) | ≥ 1%         | 150A~400A       | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |                     |



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(Output mA )

Type : CT24-B




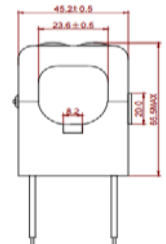
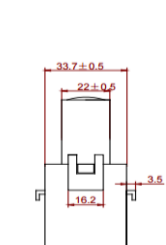

Primary Current : 50A~300A

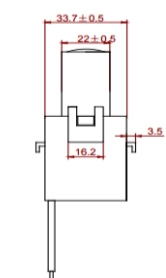
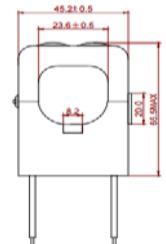
ID=23.6mm

RoHS Compliant

CE/UL- Approved

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| Part Number  | Current Ratio | Accuracy Class (%) | Turns Ratio (Np:Ns) | Burden RL | Approx. Weight (g) | Mechanical Dimensions           |                      |                      | SPEC Download/ Link   |
|--------------|---------------|--------------------|---------------------|-----------|--------------------|---------------------------------|----------------------|----------------------|---|
|              |               |                    |                     |           |                    | L*W                             | ID                   | HT                   |   |
|              |               |                    |                     |           |                    | mm/inch                         |                      |                      |   |
| CT24-B-100ML | 50A / 50mA    | 1                  | 1:1000              | 6.66      | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |    |
| CT24-B-100ML | 50A / 50mA    | 1                  | 1:1000              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-200ML | 100A / 50mA   | 1                  | 1:2000              | 6.66      | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-200ML | 100A / 50mA   | 1                  | 1:2000              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-100SL | 100A / 100mA  | 1                  | 1:1000              | 3.33      | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-100SL | 100A / 100mA  | 1                  | 1:1000              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-250ML | 150A / 60mA   | 1                  | 1:2500              | 5.55      | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-250ML | 150A / 60mA   | 1                  | 1:2500              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-300ML | 200A / 66.6mA | 1                  | 1:3000              | 5         | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-300ML | 200A / 66.6mA | 1                  | 1:3000              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-200SL | 200A / 100mA  | 1                  | 1:2000              | 3.33      | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-200SL | 200A / 100mA  | 1                  | 1:2000              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-250SL | 250A / 100mA  | 1                  | 1:2500              | 3.33      | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-250SL | 250A / 100mA  | 1                  | 1:2500              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-300SL | 300A / 100mA  | 1                  | 1:3000              | 10        | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |
| CT24-B-300SL | 300A / 100mA  | 1                  | 1:3000              | 3.33      | 270                | <u>65.5*45.2</u><br>2.579*1.780 | <u>23.6</u><br>0.929 | <u>33.7</u><br>1.327 |  |





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## Split-Core Current Transformers 50/60Hz

(Output mA )

Type : CT24-C~H

Primary Current : 100A~600A

ID=10.5mm~35.7mm

RoHS Compliant

CE/UL- Approved

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| Part Number    | Current Ratio | Accuracy Class (%) | Turns Ratio (Np:Ns) | Burden RL | Approx. Weight (g) | Mechanical Dimensions            |                      |                      | SPEC Download/ Link   |
|----------------|---------------|--------------------|---------------------|-----------|--------------------|----------------------------------|----------------------|----------------------|---|
|                |               |                    |                     |           |                    | L*W                              | ID                   | HT                   |   |
|                |               |                    |                     |           |                    | mm/inch                          |                      |                      |   |
| CT24-C-200SL   | 200A / 100mA  | 1                  | 1:2000              | 50Ω       | 275                | <u>84.0*57.0</u><br>3.307*2.244  | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |    |
| CT24-C-300SL   | 300A / 100mA  | 1                  | 1:3000              | 50Ω       | 275                | <u>84.0*57.0</u><br>3.307*2.244  | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |   |
| CT24-C-400SL   | 400A / 100mA  | 1                  | 1:4000              | 10Ω       | 275                | <u>84.0*57.0</u><br>3.307*2.244  | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |   |
| CT24-C-600SL   | 600A / 100mA  | 1                  | 1:6000              | 5Ω        | 275                | <u>84.0*57.0</u><br>3.307*2.244  | <u>35.7</u><br>1.406 | <u>38.4</u><br>1.512 |   |
| CT24-D-200S    | 100A / 50mA   | 2                  | 1:2000              | 10Ω       | 45                 | <u>41.5*30.0</u><br>1.634*1.181  | <u>10.5</u><br>0.413 | <u>23.0</u><br>0.906 |  |
| CT24-D-300S    | 150A / 50mA   | 1                  | 1:3000              | 10Ω       | 45                 | <u>41.5*30.0</u><br>1.634*1.181  | <u>10.5</u><br>0.413 | <u>23.0</u><br>0.906 |   |
| CT24-E-200S    | 150A / 75mA   | 1                  | 1:2000              | 50Ω       | 118                | <u>66.0*41.0</u><br>2.598*1.614  | <u>15.5</u><br>0.610 | <u>38.0</u><br>1.496 |  |
| CT24-E-300S    | 200A / 66.6mA | 1                  | 1:3000              | 50Ω       | 118                | <u>66.0*41.0</u><br>2.598*1.614  | <u>15.5</u><br>0.610 | <u>38.0</u><br>1.496 |   |
| CT24-F-200ST/L | 150A / 75mA   | 1                  | 1:2000              | 50Ω       | 260                | <u>78.0*50.0</u><br>3.071*1.969  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |  |
| CT24-F-300ST/L | 200A / 66.6mA | 1                  | 1:3000              | 50Ω       | 260                | <u>78.0*50.0</u><br>3.071*1.969  | <u>20.5</u><br>0.807 | <u>39.0</u><br>1.535 |   |
| CT24-G-200ST/L | 200A / 100mA  | 1                  | 1:2000              | 50Ω       | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |  |
| CT24-G-300ST/L | 250A / 83.3mA | 1                  | 1:3000              | 50Ω       | 325                | <u>93.0*60.0</u><br>3.661*2.362  | <u>25.5</u><br>1.004 | <u>47.5</u><br>1.870 |   |
| CT24-H-200ST/L | 150A / 75mA   | 1                  | 1:2000              | 50Ω       | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |  |
| CT24-H-300ST/L | 200A / 66.6mA | 1                  | 1:3000              | 50Ω       | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |   |
| CT24-H-500ST/L | 300A / 60mA   | 1                  | 1:5000              | 50Ω       | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |   |
| CT24-H-102ST/L | 400A / 40mA   | 1                  | 1:10000             | 50Ω       | 556                | <u>102.0*71.0</u><br>4.016*2.795 | <u>30.5</u><br>1.201 | <u>50.5</u><br>1.988 |   |