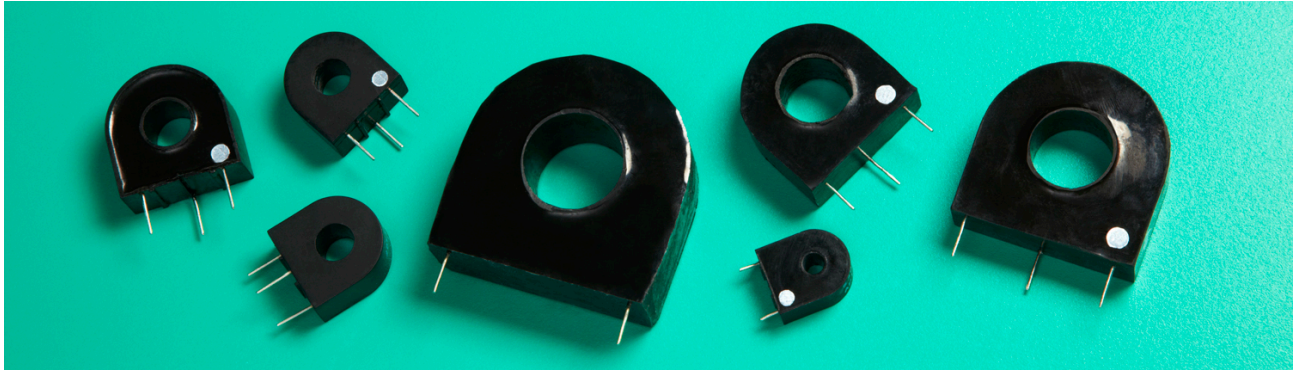
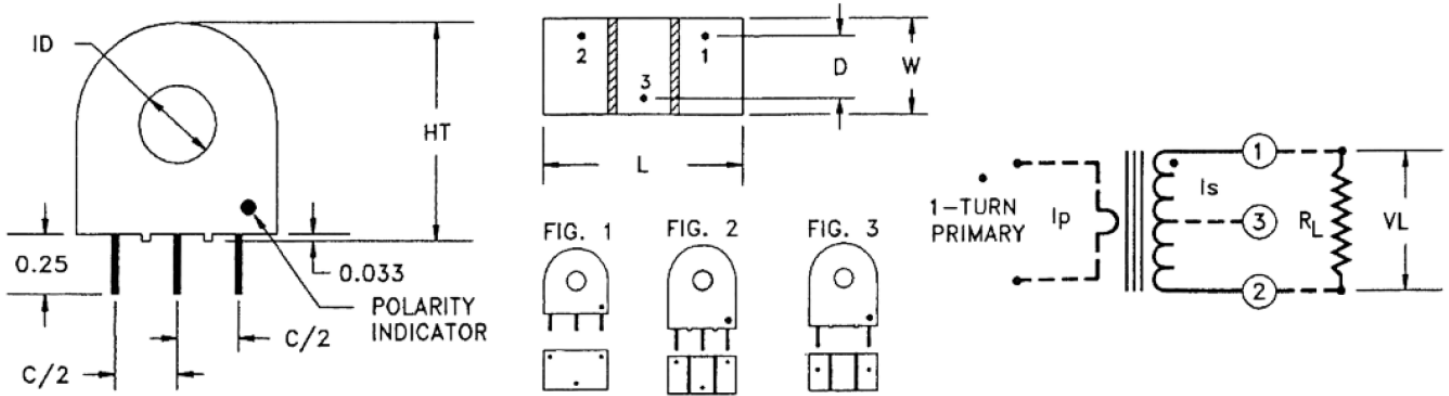


Current Sense Transformers

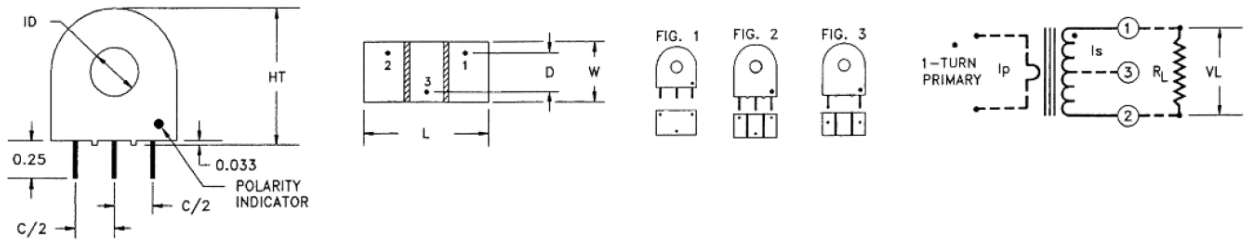


API Technologies offers a wide range of current sense transformers that measure electrical current (AC & DC) and can transform current from high to low measurable values. API series 5300 current sense transformers are available with current ranges from 3.5 Amps to 800 Amps in six subcategories of current sense transformers. You will find current sense transformers in advanced fault tolerant computers and workstations, control panels reading current flowing to electric transformer, telecom and communications.



| Part No. | VL | Ip | V/A | RL Ω | Watt | RS | RCF @10% | Iex μARMS | Vex VRMS | Wt. Lb. | L | ID (Min) | Potted Dimensions | | | | Fig |
|----------------------------------|-----|-----|-------|---------|-------|----|-------------|--------------|-------------|------------|-------|----------|-------------------|-----|-----|-----|-----|
| | | | | | | | | | | | | | HT | W | C | D | |
| Standard Accuracy Mini CT | | | | | | | | | | | | | | | | | |
| 5300-0005 | 2.0 | 5 | .4000 | 400 | .0100 | 79 | 1.093 | 572 | 2.38 | .019 | .660 | .177 | .795 | .37 | .50 | - | 3 |
| 5300-0010 | 2.0 | 10 | .2000 | 200 | .0200 | 83 | 1.048 | 608 | 2.83 | .019 | .660 | .177 | .795 | .37 | .50 | - | 3 |
| 5300-0020 | 2.0 | 20 | .1000 | 100 | .0400 | 85 | 1.027 | 731 | 3.70 | .019 | .660 | .177 | .795 | .37 | .50 | - | 3 |
| 5300-1030 | 3.0 | 30 | .1000 | 100 | .0900 | 44 | 1.023 | 853 | 4.32 | .040 | .931 | .370 | .990 | .50 | .60 | .30 | 2 |
| 5300-2050 | 2.5 | 50 | .0500 | 33 | .1890 | 17 | 1.015 | 1510 | 3.76 | .062 | .931 | .370 | .990 | .72 | .60 | .30 | 2 |
| 5300-3011 | 2.5 | 100 | .0250 | 15 | .4170 | 8 | 1.009 | 1650 | 3.88 | .117 | 1.187 | .500 | 1.219 | .72 | .80 | .40 | 2 |
| Wide Range Mini CT | | | | | | | | | | | | | | | | | |
| 5300-0405 | 0.5 | 5 | .1000 | 100 | .0025 | 84 | 1.064 | 281 | 0.92 | .019 | .660 | .177 | .795 | .37 | .50 | - | 3 |
| 5300-0410 | 1.0 | 10 | .1000 | 100 | .0100 | 85 | 1.050 | 440 | 1.85 | .019 | .660 | .177 | .795 | .37 | .50 | - | 3 |
| 5300-0420 | 2.0 | 20 | .1000 | 100 | .0400 | 86 | 1.040 | 689 | 3.72 | .019 | .660 | .177 | .795 | .37 | .50 | - | 3 |

Current Sense Transformers



| Part No. | VL | Ip | V/A | RL Ω | Watt | RS | RCF @10% | Iex μARMS | Vex VRMS | Wt. Lb. | L | ID (Min) | Potted Dimensions | | | | Fig |
|----------|----|----|-----|---------|------|----|-------------|--------------|-------------|------------|---|----------|-------------------|---|---|---|-----|
| | | | | | | | | | | | | | HT | W | C | D | |

Standard Accuracy Economy Series

| | | | | | | | | | | | | | | | | | |
|------|------|-----|-------|-----|--------|----|-------|------|-------|------|-------|------|-------|------|------|-----|---|
| 5301 | 0.5 | 5 | .1000 | 100 | .0025 | 42 | 1.041 | 237 | 0.66 | .040 | 0.931 | .355 | .990 | .492 | .60 | .30 | 2 |
| 5302 | 1.0 | 10 | .1000 | 100 | .0100 | 42 | 1.034 | 386 | 1.32 | .040 | 0.931 | .355 | .990 | .492 | .60 | .30 | 2 |
| 5303 | 1.5 | 15 | .1000 | 100 | .0230 | 42 | 1.030 | 513 | 1.99 | .040 | 0.931 | .355 | .990 | .492 | .60 | .30 | 2 |
| 5304 | 2.0 | 20 | .1000 | 100 | .0400 | 42 | 1.028 | 628 | 2.65 | .040 | 0.931 | .355 | .990 | .492 | .60 | .30 | 2 |
| 5305 | 2.5 | 25 | .1000 | 100 | .0630 | 46 | 1.020 | 566 | 3.65 | .088 | 1.188 | .460 | 1.22 | .56 | .80 | .40 | 1 |
| 5306 | 3.0 | 30 | .1000 | 100 | .0900 | 46 | 1.018 | 644 | 4.38 | .088 | 1.188 | .460 | 1.22 | .56 | .80 | .40 | 1 |
| 5307 | 4.0 | 40 | .1000 | 100 | .1600 | 46 | 1.020 | 914 | 5.82 | .105 | 1.38 | .625 | 1.38 | .56 | 1.00 | .40 | 1 |
| 5308 | 5.0 | 50 | .1000 | 100 | .2500 | 46 | 1.019 | 1090 | 7.28 | .105 | 1.38 | .625 | 1.38 | .56 | 1.00 | .40 | 1 |
| 5309 | 6.0 | 60 | .1000 | 100 | .3600 | 24 | 1.018 | 1250 | 7.41 | .129 | 1.500 | .688 | 1.500 | .56 | 1.20 | .40 | 1 |
| 5310 | 7.5 | 75 | .1000 | 100 | .5700 | 24 | 1.016 | 1520 | 9.26 | .129 | 1.500 | .688 | 1.500 | .56 | 1.20 | .40 | 1 |
| 5311 | 10.0 | 100 | .1000 | 100 | 1.0000 | 21 | 1.014 | 1740 | 12.00 | .191 | 1.750 | .750 | 1.750 | .61 | 1.40 | .40 | 1 |
| 5312 | 15.0 | 150 | .1000 | 100 | 2.2500 | 11 | 1.011 | 1820 | 16.60 | .442 | 2.188 | .938 | 2.188 | .81 | 1.80 | .50 | 1 |
| 5313 | 20.0 | 200 | .1000 | 100 | 4.0000 | 11 | 1.009 | 2340 | 22.20 | .300 | 2.188 | .938 | 2.188 | .81 | 1.80 | .50 | 1 |

High Accuracy Mini CT

| | | | | | | | | | | | | | | | | | |
|------|-----|-----|-------|-----|-------|-----|-------|-----|------|------|------|------|------|-----|-----|-----|---|
| 5326 | 0.7 | 3.5 | .2000 | 200 | .0025 | 76 | 1.030 | 88 | 0.97 | .028 | .660 | .177 | .795 | .72 | .50 | .32 | 2 |
| 5327 | 0.5 | 5 | .1000 | 100 | .0025 | 49 | 1.015 | 183 | 0.74 | .015 | .660 | .177 | .795 | .37 | .50 | - | 3 |
| 5328 | 1.0 | 5 | .2000 | 200 | .0050 | 61 | 1.013 | 158 | 1.31 | .028 | .660 | .177 | .795 | .72 | .50 | .32 | 2 |
| 5329 | 0.5 | 10 | .0500 | 100 | .0025 | 213 | 1.006 | 74 | 1.57 | .015 | .660 | .177 | .795 | .37 | .50 | - | 3 |
| 5330 | 1.0 | 10 | .1000 | 200 | .0050 | 252 | 1.009 | 58 | 2.26 | .028 | .660 | .177 | .795 | .72 | .50 | .32 | 2 |

High Accuracy Compact Series

| | | | | | | | | | | | | | | | | | |
|-----------|-----|----|-------|-----|-------|-----|-------|-----|-------|------|-------|-------|-------|-----|------|-----|---|
| 5351 | 0.5 | 5 | .1000 | 100 | .0025 | 42 | 1.033 | 65 | 0.707 | .055 | 1.060 | .188 | 1.060 | .56 | 0.80 | .40 | 1 |
| 5352 | 1.0 | 10 | .1000 | 100 | .0100 | 42 | 1.019 | 108 | 1.41 | .055 | 1.060 | .188 | 1.060 | .56 | 0.80 | .40 | 1 |
| 5353 | 1.5 | 15 | .1000 | 100 | .0230 | 45 | 1.016 | 143 | 2.13 | .082 | 1.250 | .375 | 1.250 | .56 | 1.00 | .40 | 1 |
| 5354 | 2.0 | 20 | .1000 | 100 | .0400 | 45 | 1.011 | 189 | 2.89 | .082 | 1.250 | .375 | 1.250 | .56 | 1.00 | .40 | 1 |
| 5355 | 2.5 | 25 | .1000 | 100 | .0630 | 53 | 1.009 | 193 | 3.83 | .120 | 1.375 | .500 | 1.370 | .62 | 1.00 | .50 | 1 |
| 5356 | 3.0 | 30 | .1000 | 100 | .0900 | 53 | 1.008 | 249 | 4.60 | .120 | 1.375 | .500 | 1.370 | .62 | 1.00 | .50 | 1 |
| 5300-4240 | 2.0 | 40 | .0500 | 100 | .0400 | 127 | 1.012 | 267 | 4.54 | .120 | 1.870 | 1.000 | 1.870 | .56 | 1.50 | .50 | 1 |
| 5300-4250 | 2.5 | 50 | .0500 | 100 | .0630 | 127 | 1.010 | 542 | 5.65 | .120 | 1.870 | 1.000 | 1.870 | .56 | 1.50 | .50 | 1 |

Digital Metering CT

| | | | | | | | | | | | | | | | | | |
|------|-----|-----|-------|---|-------|-----|-------|------|------|------|-------|-------|-------|-----|---|---|---|
| 5381 | 0.2 | 60 | .0033 | 1 | .0400 | 2.1 | 1.013 | 1230 | 0.62 | .100 | 1.500 | .688 | 1.500 | .56 | - | - | - |
| 5382 | 0.2 | 120 | .0017 | 1 | .0400 | 4.5 | 1.006 | 520 | 2.64 | .120 | 1.500 | .688 | 1.500 | .56 | - | - | - |
| 5383 | 0.5 | 100 | .0050 | 5 | .0500 | 11 | 1.008 | 200 | 2.14 | .320 | 2.370 | .770 | 2.370 | .75 | - | - | - |
| 5384 | 0.5 | 200 | .0025 | 5 | .0500 | 24 | 1.004 | 97 | 2.40 | .390 | 2.370 | .770 | 2.370 | .75 | - | - | - |
| 5385 | 0.5 | 100 | .0050 | 5 | .0500 | 17 | 1.009 | 450 | 2.15 | .120 | 1.870 | 1.000 | 1.870 | .56 | - | - | - |

Flip-Top

| | | | | | | | | | | | | | | | | | |
|--------|-----|-----|-------|-----|-------|-----|-------|----|------|------|-------|------|-------|-----|---|---|---|
| 53FT01 | 1.3 | 20 | .0667 | 220 | .0100 | 120 | 1.030 | 20 | 2.07 | .230 | 1.750 | .380 | 1.800 | .85 | - | - | - |
| 53FT02 | 2.5 | 100 | .0250 | 25 | .2500 | 22 | 1.014 | 22 | 4.64 | .350 | 1.800 | .812 | 2.300 | .85 | - | - | - |

- Ip: Primary Current
- V/A: Output volts per input amps
- RL: Terminating resistor
- N: Nominal turns
- Rs: Winding resistance
- RCF (Ratio Correction Factor): Current readings should be multiplied by this factor to compensate for the effect of transformer loss
- Lex and vex: Excitation Current and Voltage at rated operating condition
- WT: Net weight in pounds
- Unless requested, the terminating resistor and one-turn primary are customer supplied
- Pin 3: Nominally for mechanical support only, will be used for center-topped designs

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
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- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru