

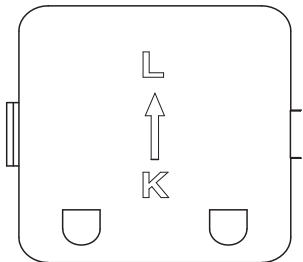
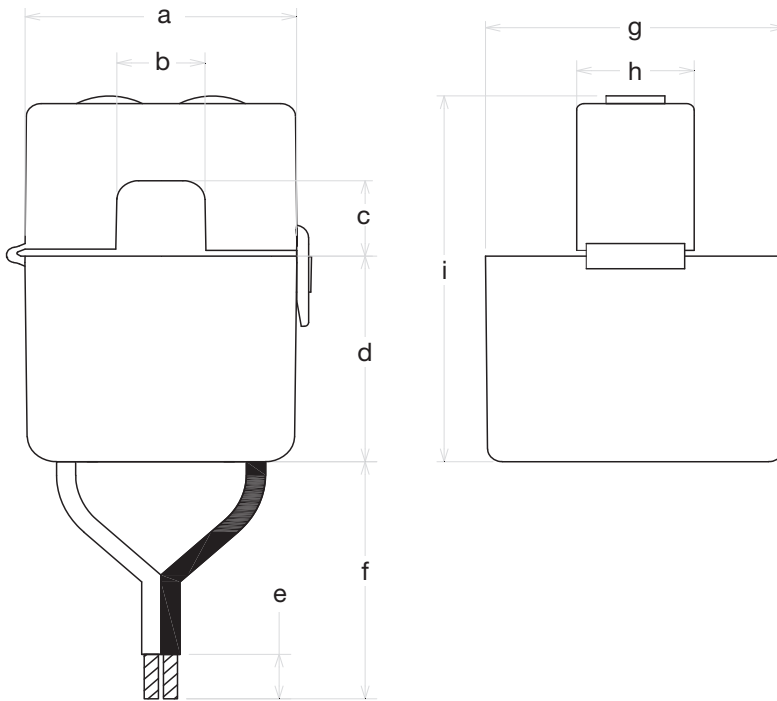


AC CURRENT TRANSFORMER

CT-SC-006-5, CT-SC-006-10, CT-SC-006-20

Data Sheet

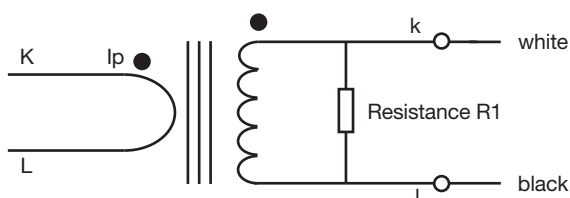
TECHNICAL DATA & DIMENSIONS



| Dimensions | |
|------------|----------------------------------|
| a | 18.4±0.5 mm (0.724±0.02 in) |
| b | 6.0±0.2 mm (0.236±0.008 in) |
| c | 6.0 mm (0.236 in) |
| d | 16.5 mm (0.650 in) |
| e | 10.0±1.0 mm (0.394±0.039 in) |
| f | 2000.0±50.0 mm (78.740±1.969 in) |
| g | 20.4±0.6 mm (0.961±0.024 in) |
| h | 8.1 mm (0.319 in) |
| i | 29.0±0.5 mm (1.142±0.02 in) |

| Specification | Data |
|--------------------------------|--|
| Ratio | $N_p:N_s=1:1500$ |
| Phase error at nominal current | $\leq 3^\circ$ |
| Approx. weight | 31 g (0.07 lb) |
| Output voltage | 0.333 V |
| PVC connection wires | 24 AWG |
| Accuracy class | 0.5 |
| Frequency | 50 - 60 Hz |
| Insulation resistance | DC 500 V / 100 M Ω min |
| Working temperature | -40 °C to 65 °C (-40 °F to 149 °F) |
| Storage temperature | -45 °C to 80 °C (-49 °F to 176 °F) |
| Standards | ANSI C57.13, IEC61869-2, RoHS compliant |
| Housing | Solid housing with durable plastic UL 94 V-0 |
| Dielectric strength | 2.5 KV/1mA /1min |

CONNECTION



| Type | Resistance R1 |
|--------------|---------------|
| CT-SC-006-5 | 100 ohms |
| CT-SC-006-10 | 50 ohms |
| CT-SC-006-20 | 25 ohms |

| Applications |
|-----------------------------|
| Energy measurement products |
| Load monitoring |
| Network equipment |
| Instruments and sensors |
| Control systems |

OVERVIEW & PART NUMBER

| Type | Part number | Primary current | \varnothing mm (in) | Cable length m (in) | Accuracy class |
|--------------|-------------|-----------------|-----------------------|---------------------|----------------|
| CT-SC-006-5 | 1503140 | 5 A | 6.0 (0.236) | 2 | 0.5 |
| CT-SC-006-10 | 1503141 | 10 A | 6.0 (0.236) | 2 | 0.5 |
| CT-SC-006-20 | 1503142 | 20 A | 6.0 (0.236) | 2 | 0.5 |

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