BCT series power distribution current transformer



Model:BCT10260

BCT series are the current transformer which are designed for Industrial enquipment

Technical index:

Mounting type: Silicon steel / ultracrystalline

Output current: 0.1A, 1A, 5A(can be customerized)

core material: Silicon steel Installation place: Indoor Flame resistance: : UL94-V0 Working temperature: -35°C ~+85°C

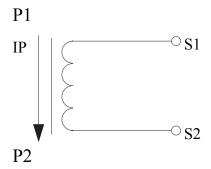
Storage temperature: $-45\,^{\circ}\text{C} \sim +95\,^{\circ}\text{C}$

Altitude: ≤1000m

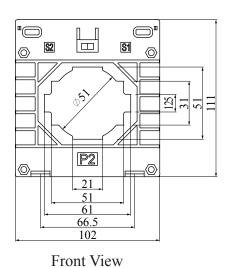
atmospheric conditions: no serious pollution

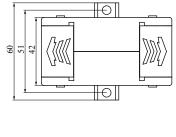
Dielectric strength: AC 3KV/1min 50Hz(secondary/shell)

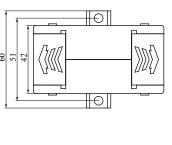
Connect diagram:

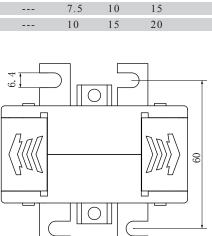


Dimension(in mm):









Electrical Index:

| turn ratios — A | Rated output(VA) | | | | | Turns of |
|-----------------|------------------|------|------|------|------|-----------------|
| | 0.5S | 0.2S | 0.2 | 0.5 | 1 | through hole |
| 200A/5A | | | | 2.5 | 3.75 | 1 |
| 400A/5A | 2.5 | 2.5 | 2.5 | 3.75 | 5 | 1 |
| 500A/5A | 3 | 3 | 3.75 | 5 | 7.5 | 1 |
| 600A/5A | 3.75 | 3.75 | 5 | 7.5 | 10 | 1 |
| 750A/5A | 5 | 5 | 5 | 10 | 15 | 1 |
| 800A/5A | 5 | 5 | 5 | 10 | 15 | 1 |
| 1000A/5A | 5 | 5 | 7.5 | 10 | 15 | 1 |
| 1200/5A | 7.5 | 7.5 | 10 | 15 | 20 | 1 |
| 200A/1A | | | | 1.5 | 2.5 | 1 |
| 400A/1A | | | | 2.5 | 3.75 | 1 |
| 500A/1A | | | | 3.75 | 5 | 1 |
| 600A/1A | | | 10 | 5 | 7.5 | 1 |
| 750A/1A | | | 13 | 7.5 | 10 | 1 |
| 800A/1A | | | 18 | 10 | 15 | 1 |
| 1000A/1A | | | 19 | 10 | 15 | 1 |
| 1200A/1A | | | 2.5 | 10 | 15 | 1 |
| 400A/0.1A | | | 2.5 | 3.75 | 5 | 1 |
| 500A/0.1A | | | 3.75 | 5 | 7.5 | 1 |
| 600A/0.1A | | | 5 | 7.5 | 10 | 1 |
| 750A/0.1A | | | 5 | 10 | 15 | 1 |
| 800A/0.1A | | | 5 | 10 | 15 | 1 |
| 1000A/0.1A | | | 7.5 | 10 | 15 | 1 |
| 1200A/0.1A | | | 10 | 15 | 20 | 1 |

Top view Bent lug size View