

Type CTB



CTB capacitors are the perfect solutions for small users.
The capacitor is built in an aluminum cubicle and is protected with fireproof covers.
It is made of metalized polypropylene film with self healing features, free of PCB.

CHARACTERISTICS

- | | |
|---|--|
| • Dielectric | metalized polypropylene |
| • Execution | dry type |
| • Capacitance tolerance | -5% / +10% |
| • Supply | Three phase |
| • Rated frequency | 50 Hz |
| • Max allowable voltage | 1.1 Un (max 8h on 24h) |
| • Temperature class category | -25°C |
| • Max value of ambient temperature | +50°C |
| • Average daily ambient temperature | +40°C |
| • Average yearly ambient temperature | +30°C |
| • Degree of protection | IP40 (CEI EN 60529) |
| • Reference standards capacitors | IEC 831-1, IEC 831-2, CEI EN 60831-1, CEI EN 60831-2 |
| • Test voltage between terminals | 2.15 Un / 10 sec |
| • Test voltage between terminals and case | 3000 V / 60 sec |
| • Dielectric losses | ≤ 0.2 W / kVAr |
| • Total losses of the capacitors | ≤ 0.4 W / kVAr |
| • Discharge resistor | included (75 V residual within 3 min) |
| • Unit mounting | vertical |

STANDARD CAPACITIES

| Type | Qn (kVAr) | Un (V) | In (A) | Capacity (μ F) | THD(I) max* | Dimensions w x d x h (mm) | | Connection | Attachment | Weight (g) | | |
|------|--------------|-----------|-----------|------------------------|----------------|---------------------------------|-----|------------|------------|---------------|------|------|
| | | | | | | \varnothing | H | | | | | |
| CTB | 1,5 | 230 | 4 | 3 x 30 | 15 | 70 | 175 | Faston 6,3 | M12 | 650 | | |
| CTB | 2,5 | 230 | 6 | 3 x 50 | | 70 | 215 | | | screw M8 | 750 | |
| CTB | 5 | 230 | 13 | 3 x 100 | | 85 | 295 | | | | 950 | |
| CTB | 10 | 230 | 24 | 3 x 200 | | 100 | 285 | | | | 1350 | |
| CTB | 1,5 | 415 | 2 | 3 x 9,3 | 10 | 70 | 130 | Faston 6,3 | M12 | 400 | | |
| CTB | 2,5 | 415 | 3 | 3 x 15,5 | | 70 | 175 | | | screw M8 | 600 | |
| CTB | 5 | 415 | 7 | 3 x 31 | | 70 | 215 | | | | plug | 800 |
| CTB | 7,5 | 415 | 10 | 3 x 47 | | 70 | 295 | | | | | 1200 |
| CTB | 10 | 415 | 14 | 3 x 62 | | 70 | 295 | | | | | 1600 |
| CTB | 12,5 | 415 | 17 | 3 x 77 | | 85 | 285 | screw M8 | | 1800 | | |
| CTB | 20 | 415 | 28 | 3 x 123 | | 100 | 285 | | | | 2400 | |
| CTB | 25 | 415 | 35 | 3 x 154 | | 120 | 295 | | | 3600 | | |
| CTB | 12,5 | 440 | 16 | 3 x 68,5 | | 10 | 85 | 295 | | screw M8 | M12 | 1800 |
| CTB | 16,7 | 440 | 22 | 3 x 91,5 | | | 85 | 285 | | | | plug |
| CTB | 20 | 440 | 26 | 3 x 110 | | | 100 | 285 | | | | |
| CTB | 25 | 440 | 33 | 3 x 137 | 120 | | 285 | | 3600 | | | |

*THD(I) max = maximum harmonic distortion on capacitors

Option:

Fasteners for parallel circuit can be obtain for each type.