

BZ 00 Protection summary current transformer

MEDIUM VOLTAGE PRODUCT



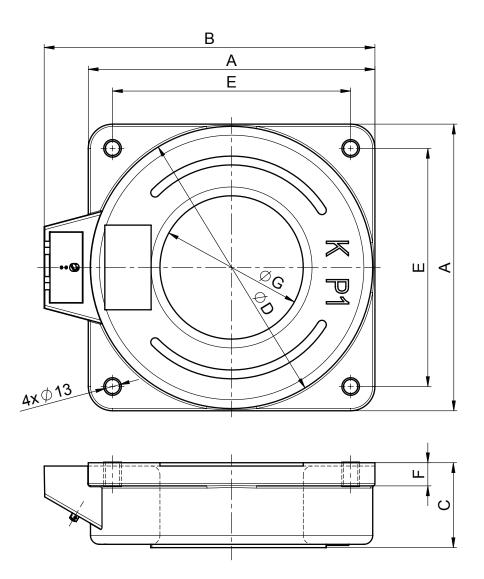
| Technical parameters | Value | | | | | |
|---|-----------------|----------|----------|--|--|--|
| Transformer type (according to size) | BZ 00-13 | BZ 00-16 | BZ 00-30 | | | |
| Insulating voltage | 0.6 kV | | | | | |
| Testing AC voltage | 3 kV | | | | | |
| Rated transformer ratio | 10/ min. 0.08 A | | | | | |
| Rated burden | 15 Ω | | | | | |
| Rated fequency | 50 Hz | | | | | |
| Weight | 11 kg | 13 kg | 22 kg | | | |

Description

Protection summary current transformers type BZ 00 are used for the release of highly sensitive protection relays in case of an earth connection, in a three-phase powering system with an insulated zero point. They are designed for an indoor installation, both in normal and severe climatic conditions. BZ 00 transformers are cable type, with a single-core design encasted in epoxy resin. Four clamping bases serve to fix the transformer to the frame. Internal diameter enables powering cables or insulated three-phase busbars with 130 mm, 160 mm and 300 mm to be put connected through. Magnetic circuit uses alloys with a high value of permeability to ensure a sensitive and precise measurements of 3-phase symmetry.

Dimensional Drawing

Note: Unless explicitly stated, all dimensions and tolerances are valid with generally defined tolerance 0,6 %. Tolerance applies to the all geometric characteristics including form variation of the products. All dimensional references representing a diamenter or radius of a circles are defined as the minimal value of a real dimension.



| Drawing number | Туре | A | В | С | D | E | F | G |
|-----------------|----------|-----|-----|----|-----|-----|----|-----|
| 1VL4600843R0101 | BZ 00-13 | 260 | 300 | 77 | 256 | 216 | 21 | 130 |
| 1VL4600844R0101 | BZ 00-16 | 290 | 330 | 77 | 286 | 240 | 21 | 160 |
| 1VL4600845R0101 | BZ 00-30 | 410 | 470 | 85 | 430 | 350 | 27 | 300 |



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