



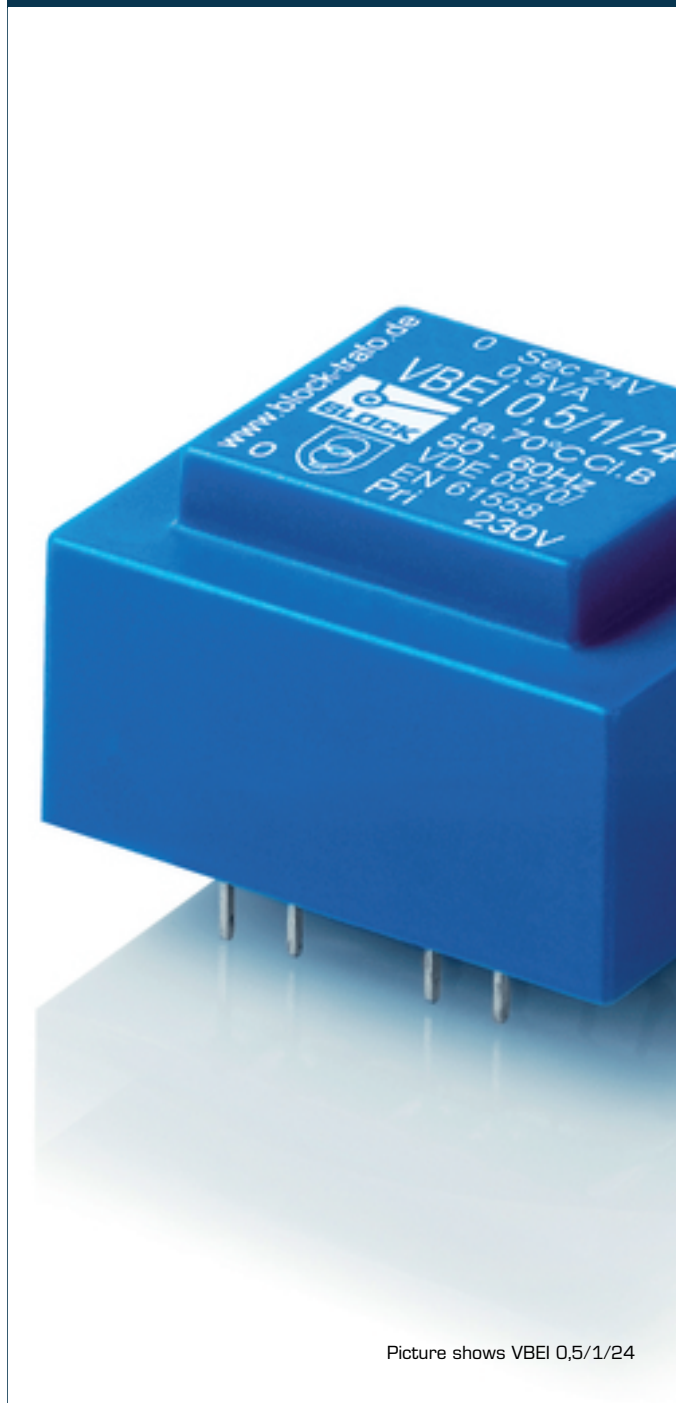
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Safety isolating transformer

VBEI 0,5/2/15



Picture shows VBEI 0,5/1/24

Advantages

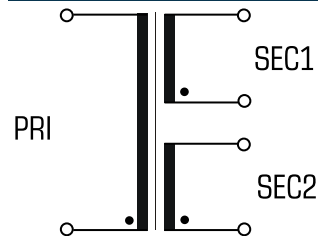
| |
|--|
| Minimum size at high output |
| Very low height |
| Unconditionally short-circuit proof |
| Also with dual output voltage for series or parallel connection |
| Designed for high ambient temperatures |
| Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation |
| Coil shell in 2-chamber technology |
| Self-extinguishing potting material |

Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As a safety transformer for the safe electrical isolation of the input and output sides. The transformer is suitable for creating SELV and PELV circuits because of the limit on the output voltage.

Sample application



Standards

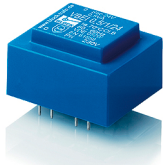


Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66

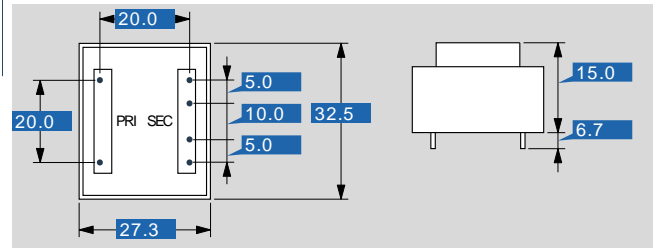


Safety isolating transformer

VBEI 0,5/2/15

| Electrical data | |
|---------------------------------|--------------------------------|
| Type | |
| VBEI 0,5/2/15 | |
| Input | |
| Rated input voltage | 230 Vac |
| Rated frequency | 50 - 60 Hz |
| Output | |
| Rated output voltage | 2 x 15 Vac |
| Rated Power | 0.50 VA |
| No-load voltage (app. x factor) | 1.60 |
| No-load loss (typ.) | 1.90 W |
| Efficiency | 28 % |
| Standards | |
| Classification | Safety isolating transformer |
| Approvals | |
| Approvals | cURus, ENEC 10 (VDE) |
| Environment | |
| Ambient temperature max. | 70 °C |
| Safety and protection | |
| Type | Encapsulated |
| Class of Insulation System | VDE=B, UL=class 105 |
| Protection index | IP 00 |
| Safety class (prepared) | II |
| Short circuit strength | inherently short-circuit proof |
| Order numbers | |
| Order Number | VBEI 0,5/2/15 |

| Mechanical data | |
|------------------------------|---------------------------------|
| Type | |
| VBEI 0,5/2/15 | |
| Terminal and mounting | |
| Terminals | Pins for printed circuit boards |
| Measures and weights | |
| Pin (ø) | 0.8 mm |
| Core type | EI 30/5,0 |
| Weight | 0.04 kg |



Subjects to change.



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| Product | Code | Reference | Product link |
|---|-----------|------------------|----------------------------|
| Short circuit proof PCB transformer short circuit proof, encapsulated, low profile, PRI 230 Vac, SEC 0.5 VA, 6 - 24 Vac, 2 x 6 - 2 x 24 Vac | VBEI05215 | VBEI 0,5/2/15 | Buy on EAN |