

Toroidal fixed transformer, open

Toroidal fixed transformer in open design as a mains, auto, safety or isolation transformer

Toroidal fixed transformers have significant advantages over conventional transformers: their construction results in up to 50% less volume and low weight. Since the ring cores have almost no air gap, only a very low magnetic stray field is produced and the transformers are almost hum-free. The change in secondary voltage between idling and full load is much smaller than with transformers with a nested core.

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Advantages

- Adaptation of mains voltage to different output voltages
- No humming
- Low magnetic stray field
- Low voltage drop
- Minimum overall weight
- Small dimensions
- Connection with free wire or stranded wires
- Mounting set available as accessory
- Standards: EN 61558; EN 60601

Technical data

Toroidal fixed transformer, open	
Rated power	10 - 6000 VA
Input voltage	230 V
Output voltage	24 - 690 V
Rated current	max. 50 A
Frequency range	50 - 400 Hz
Temperature class	T40/E and T40/B



*Special voltages and higher powers on request