

With the addition of FUAN's encapsulated 50/60Hz transformers to the existing line of FUAN open frame transformers, FUAN now offers a complete line of laminated transformers for all your low power, linear transformers needs. With power ratings from 0.08VA to 175VA, fully encapsulated transformers, split bobbin designs, and a wide variety of domestic and international approvals, FUAN is truly the best choice for all your 50/60Hz needs.

Advantages of Encapsulated Transformers:

- Better heat dissipation achieved through vacuum encapsulation, resulting in more output power from a smaller, more compact design.
- Vacuum encapsulation provides protection against external influences (e.g. wash operations) and mechanical stress (e.g. vibration). It also reduces the potential of noise through vibration.
- Dimensional accuracy of each transformer guaranteed by stable and controlled manufacturing processes, allowing for automatic pick and place operations.

Another new product line in the FUAN family is the Ignition transformer, used in heating/ventilation applications for gas/oil burners. All of these new FUAN products are well known under the brand-name: FUAN. The 2003 European RoHS Directive is being applied to all FUAN products.

OVERVIEW: LAMINATED TRANSFORMERS



Mini-Line THT* (EE20)

- Up to 0.5VA
- Temperature class ta 70°C/B



Print-Line THT* (EI30-EI54)

- Up to 16VA
- Temperature class ta 70°C/B (EI30/EI42)
- Temperature class ta 40°C/B (EI48/EI54)



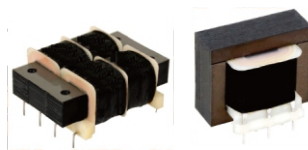
Compact Power Supplies

- Up to 60VA
- Temperature class ta 40°C/B
- Din-rail Mounting



Low Profile THT* (UI30-UI39)

- Up to 30VA
- Temperature class ta 40°C/B



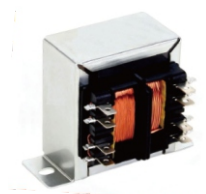
Printed Circuit Mount

- International
- Split bobbin: single (ST) and dual primary (DST)
- Low profile
- Concentric vertical profile single (PC) and dual primary (DPC)



With Mounting Brackets* (EI42-EI66)

- Up to 50VA
- Temperature class ta 70°C/B (EI42)
- Temperature class ta 40°C/B (EI48/EI66)



Chassis Mount

- International
- Split bobbin: single (241) and dual primary (DP241)

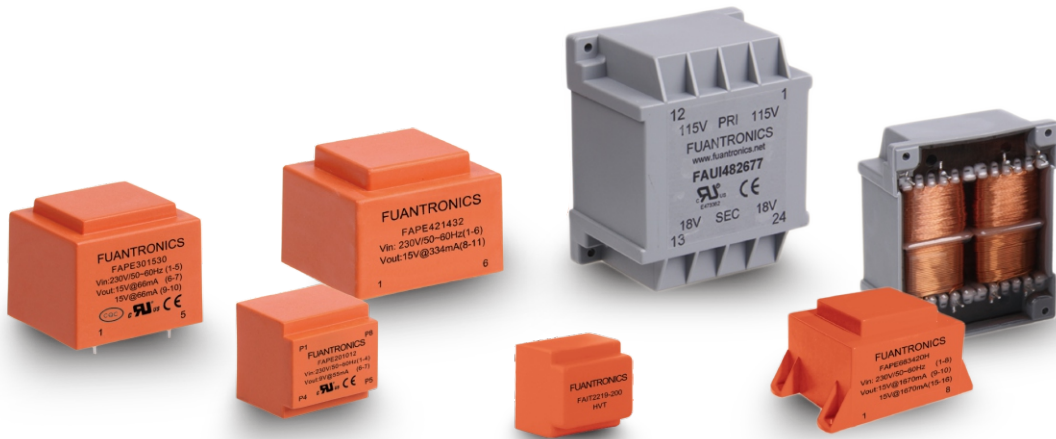
*Potted under vacuum, two-chamber bobbin, custom designs available upon request, THT=Through Hole



Ignition Transformers Spark-Line-THT

- Up to 23KV
- Ambient temperature 70°C
- Up to 2 HT connections
- Compact design
- Custom designs available

CONCEPT-DESIGN-EVALUATION-PROTOTYPE-PRODUCTION



APPLICATIONS

- FLOOR SCRUBBER APPS
- ELECTRIC METER APPS
- WATER METER APPS
- REFRIGERATOR APPS
- WASHING MACHINE APPS

