

Design complies with the following certifications:

FAPE3813/4214/4816/5418 Series

FAPE2006/2010/3005/3008/3010/3012/3015/3018/3023 Series

ENCAPSULATED TRANSFORMER

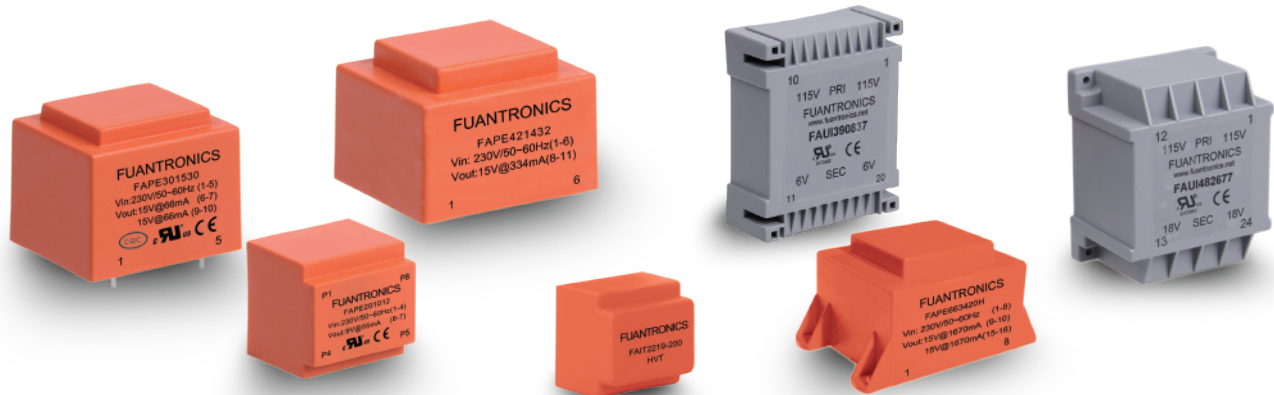
	UL5085-1 UL5085-3 CSA-C22.2-66.1-06 CSA-C22.2-66.3-06
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	EN61558-1 EN61558-1/A1 EN61558-2-6
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	UL5085-1 UL5085-3 CSA-C22.2-66.1-06 CSA-C22.2-66.3-06
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	GB19212.1-2008 GB/T19212.7-2012
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Part No.	Type	Output Power	Input voltage	Output voltage	Output current	No load voltage	Ambient temperature	Certificate
FAPE2004_	EE20*4	0.08W	115V,230V	6-18V	4.44-13.3mA	9.2-27.2V	70°C	/
FAPE2006_	EE20*6.1	0.35W	115V,230V	6-24V 2*6-2*15V	12-58mA	10.8-41.7V 2*10.95-2*41.7V	60°C	UL CQC VDE ENEC CE UKCA
FAPE2010_	EE20*10	0.5W	115V,230V	6-24V 2*6-2*18V	14-83mA	8.9-39.6V 2*9.6-2*38.3V	60°C	UL CQC VDE ENEC CE UKCA
	EE20*10	0.6W	115V,230V	6-24V 2*6-2*15V	20-100mA	10.5-30.5V 2*11.5-2*33.2V	50°C	UL CQC VDE ENEC CE UKCA
FAPE3005_	EI30*5	0.6W	115V,230V 2*115V	6-24V 2*6-2*15V	20-100mA	9.94-39.8V 2*9.94-2*39.8V	40°C	UL CQC VDE ENEC CE UKCA
FAPE3008_	EI30*8	1.0W	115V,230V 2*115V	6-24V 2*6-2*15V	33-167mA	9.7-37V 2*10.1-2*37.2V	60°C	UL CQC VDE ENEC CE UKCA
FAPE3010_	EI30*10.5	1.0W	115V,230V 2*115V	6-24V 2*6-2*18V	28-167mA	8.5-32.2V 2*8.3-2*32.1V	70°C	UL CQC VDE ENEC CE UKCA
	EI30*10.5	1.2W	115V,230V 2*115V	6-24V 2*6-2*18V	33-200mA	8.3-33.3V 2*8.3-2*33.3V	70°C	UL CQC VDE ENEC CE UKCA
FAPE3012_	EI30*10.5	1.5W	115V,230V 2*115V	6-24V 2*6-2*15V	50-250mA	10.1-43.3V 2*10.1-2*43.3V	40°C	UL CQC VDE ENEC CE UKCA
	EI30*12.5	1.5W	115V,230V 2*115V	6-24V 2*6-2*15V	50-300mA	9.0-35.8V 2*9.2-2*35.8V	70°C	UL CQC VDE ENEC CE UKCA
FAPE3015_	EI30*12.5	1.7W	115V,230V 2*115V	6-24V 2*6-2*15V	57-283mA	9.8-39.3V 2*9.8-2*39.3V	50°C	UL CQC VDE ENEC CE UKCA
	EI30*12.5	1.8W	115V,230V 2*115V	6-24V 2*6-2*15V	60-300mA	9.8-39.3V 2*9.8-2*39.3V	40°C	UL CQC VDE ENEC CE UKCA
FAPE3018_	EI30*15.5	2.0W	115V,230V 2*115V	6-24V 2*6-2*15V	66-333mA	10.4-37.2V 2*10.4-2*37.2V	60°C	UL CQC VDE ENEC CE UKCA
	EI30*15.5	2.3W	115V,230V 2*115V	6-24V 2*6-2*15V	77-384mA	10.5-42.0V 2*10.5-2*42.0V	50°C	UL CQC VDE ENEC CE UKCA
FAPE3023_	EI30*15.5	2.4W	115V,230V 2*115V	6-24V 2*6-2*15 V	80-400mA	10.5-42.0V 2*10.5-2*42.0V	40°C	UL CQC VDE ENEC CE UKCA
	EI30*18	2.3W	115V,230V 2*115V	6-24V 2*6-2*15V	77-384mA	10.0-34.7V 2*10.0-2*35.8V	60°C	UL CQC VDE ENEC CE UKCA
FAPE3023_	EI30*18	2.7W	115V,230V 2*115V	6-24V 2*6-2*15V	90-450mA	10.5-42.0V 2*10.5-2*42.0V	45°C	UL CQC VDE ENEC CE UKCA
	EI30*18	2.8W	115V,230V 2*115V	6-24V 2*6-2*15V	93-467mA	10.5-42.0V 2*10.5-2*42.0V	40°C	UL CQC VDE ENEC CE UKCA
FAPE3023_	EI30*23	2.8W	115V,230V 2*115V	6-24V 2*6-2*15V	93-466mA	10.7-38.8V 2*10.7-2*38.7V	40°C	UL CQC VDE ENEC CE UKCA
	EI30*23	3.0 W	115V,230V 2*115V	6-24V 2*6-2*15V	100-500mA	10.7-38.8V 2*10.7-2*38.7V	40°C	UL CQC VDE ENEC CE UKCA
FAPE3813_	EI38*13.6	3.2W	115V,230V 2*115V	6-24V 2*6-2*24V	67-533mA	8.0-32.1V 2*8.0-2*32.1V	70°C	UL
FAPE4214_	EI42*14.8	5.0W	115V,230V 2*115V	6-24V 2*6-2*24V	104-833mA	8.1-30.5V 2*7.7-2*30.8V	70°C	UL
FAPE4816_	EI48*16.8	10.0W	115V,230V 2*115V	6-24V 2*6-2*24V	208-1666mA	7.9-30.6V 2*8.1-2*30.0V	40°C	UL
FAPE5418_	EI54*18.8	16.0W	115V,230V 2*115V	6-24V 2*6-2*24V	333-2666mA	7.6-29.6V 2*7.6-2*29.0V	40°C	UL
FAPE6025_H	EI60*25.5	25.0W	230V 2*115V	6-24V 2*6-2*15V	830-4170mA	6.9-27.0V 2*6.9-2*17.3V	40°C	/
FAPE6623_H	EI66*23	36.0W	230V 2*115V	6-24V 2*6-2*15V	1200-6000mA	6.9-27.0V 2*6.9-2*17.3V	40°C	/
FAPE6634_H	EI66*34.7	50.0W	230V 2*115V	6-24V 2*6-2*15V	1670-8333mA	7.2-27.1V 2*7.0-2*17.6V	40°C	/
FAUI3005_	UI30*5.5	2.0W	2*115V	2*6-2*24V	42-166mA	2*10.2-2*40.8V	70°C	/
	UI30*5.5	3.0W	2*115V	2*6-2*24V	63-250mA	2*9.8-2*39.3V	50°C	/
FAUI3007_	UI30*7.5	4.0W	2*115V	2*6-2*24V	83-333mA	2*9.4-2*37.4V	70°C	/
FAUI3010_	UI30*10.5	6.0W	2*115V	2*6-2*24V	125-500mA	2*8.1-2*32.3V	40°C	/
FAUI3016_	UI30*16.5	10.0W	2*115V	2*6-2*24V	208-833mA	2*7.9-2*31.7V	40°C	/
FAUI3908_	UI39*8	10.0W	2*115V	2*6-2*24V	208-833mA	2*8.2-2*38.2V	40°C	/
FAUI3910_	UI39*10.2	14.0W	2*115V	2*6-2*24V	292-1166mA	2*7.5-2*30.0V	40°C	/
FAUI3913_	UI39*13.5	18.0W	2*115V	2*6-2*24V	375-1500mA	2*7.7-2*30.6V	40°C	/
FAUI3917_	UI39*17	24.0W	2*115V	2*6-2*24V	500-2000mA	2*7.2-2*28.8V	40°C	/
FAUI3921_	UI39*21	30.0W	2*115V	2*6-2*24V	625-2500mA	2*6.7-2*27.0V	40°C	/
FAUI4817_	UI48*17	40.0W	2*115V	2*6-2*24V	833-3333mA	2*6.7-2*26.8V	40°C	/
FAUI4826_	UI48*26	60.0W	2*115V	2*6-2*24V	1250-5000mA	2*6.6-2*26.3V	40°C	/



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 2025 European RoHS Directive is being applied to all FUAN products.

APPLICATIONS

NEW ENERGY VEHICLE APPS
ELECTRIC METER APPS
FLOOR SCRUBBER APPS
WATER METER APPS
ENERGY STORAGE APPS
INTELLIGENT HOUSEHOLD APPS
ELECTRONIC MOTOR APPS



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