Safety isolating transformer

FLE 12/15 Discontinued line - not for new designs

Picture shows FLE 35/6

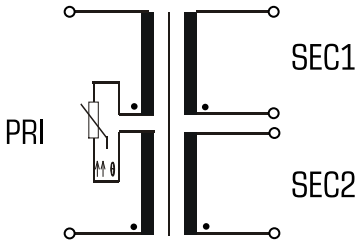
Advantages

- Minimum size at high output
- Low height
- Integrated overload protection using PTC in the input
- Double output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Self-extinguishing potting material

Applications

As a safety isolating 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

Approvals

VDE

Safety isolating transformer
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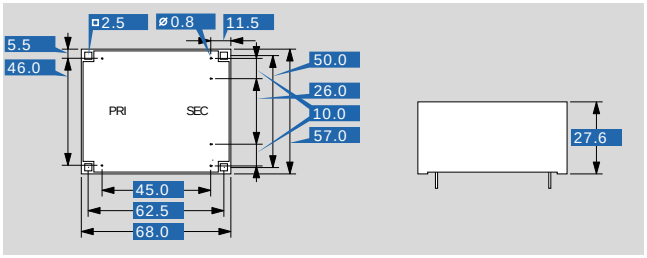
Electrical data

Type	FLE 12/15 Discontinued line - not for new designs
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 15 Vac
Rated Power	12 VA
No-load voltage (app. x factor)	1.31
No-load loss (typ.)	1.80 W
Efficiency	73.0 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	VDE
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	Encapsulated
Insulation class	E
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-inherently short-circuit proof
Order numbers	
Order Number	**FLE 12/15 Discontinued line - not for new designs**

Mechanical data

Type	FLE 12/15 Discontinued line - not for new designs
Terminal and mounting	
Terminals	Pins for PCB
Measures and weights	
Core type	UI 39/13,5
Weight	0.37 kg



Subject to change.