#### FL 6/18



## Advantages

Minimum size at high output

Low height

Dual input voltage for series or parallel connection

Dual 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

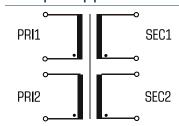
## **Applications**

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

As an isolating transformer for the safe electrical isolation of the input and output sides. The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

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, UL 5085-1/-2, CSA 22.2 No.66

**Approvals** 







VDE, UL 5085-1/-2, CSA 22.2 No.66





# Safety isolating transformer **FL 6/18**

Input Rated input voltage Rated frequency Output Rated output voltage Rated Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment Ambient temperature max.  Input  Terminal and mounting Terminals Measures and weights  Core type Weight  Terminals Measures and weights  Core type Weight  130/10,5 Weight  120 W  15.0 15.0 37.5 44.0  15.0 37.5 44.0	
Rated frequency 50 - 60 Hz  Output  Rated output voltage 2 x 18 Vac Rated Power 6 VA  No-load voltage (app. x factor) 1.35  No-load loss (typ.) Efficiency 69.0 %  Standards  Classification Safety isolating transformer  Approvals  Approvals  Environment  Approvals  Environment  Measures and weights  Core type Weight 0.18 kg  Weight 0.18 kg  1.50  1.5.	
Rated frequency 50 - 60 Hz  Output  Rated output voltage 2 x 18 Vac Rated Power 6 VA  No-load voltage (app. x factor) 1.35 No-load loss (typ.) Efficiency 69.0 %  Standards Classification Approvals Approvals Approvals Environment  Measures and weights  Core type Weight 0.18 kg  Weight 0.18 kg  1.30 / 10.5 Weight 0.18 kg  Measures and weights  Output  Core type Weight 0.18 kg  Weight 0.18 kg  1.5 0 / 1.5	
Output Rated output voltage Rated Power Rated Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment  Output Rated output voltage 2 x 18 Vac 8 VA  No-load voltage (app. x factor) 1.35 No-load loss (typ.) Efficiency 69.0 %  Safety isolating transformer  Approvals Environment  Core type Weight  O.18 kg  Voltage Weight  O.18 kg  No-load voltage (app. x factor) 0.18 kg  Voltage  Voltage Volta	
Rated Power   6 VA     No-load voltage (app. x factor)   1.35     No-load loss (typ.)   1.20 W     Efficiency   69.0 %     Standards     Classification   Approvals     Approvals     Environment   CURus, VDE     Company   Current   Cur	
Rated Power No-load voltage (app. x factor) No-load loss (typ.) 1.20 W Efficiency Standards Classification Approvals Approvals Environment  Rated Power 6 VA 1.35 1.20 W 4.5 2.5 0.8 9.0 4.5 1.5.0 1.5	
Classification Approvals Approvals Environment  Safety isolating transformer  LURus, VDE  44.0  CURus, VDE	
Classification Approvals Approvals Environment  Safety isolating transformer  LURus, VDE  Approvals  CURus, VDE	
Classification Approvals Approvals Environment  Safety isolating transformer  LURus, VDE  Approvals  CURus, VDE	
Classification Approvals Approvals Environment  Safety isolating transformer  LURus, VDE  Approvals  CURus, VDE	
Classification Approvals Approvals Environment  Safety isolating transformer  LURus, VDE  10.0  Had SEC  37.5  44.0  47.5	
Approvals  Approvals  Environment  CURus, VDE	
Approvals  Environment  CURus, VDE  47.5	22.6
Environment 47.5	
40.90	u u
Ambient temperature max. 40 °C	
Safety and protection	
Type Encapsulated	
Insulation class VDE=E, UL=class 105	
Protection index IP 00	
Safety class (prepared) II	
Short circuit strength non-short-circuit proof	
Order numbers	
Order Number FL 6/18	

