

1AC Transformer 594824 (8353-PC)

FESTO

LabVolt Series

Datasheet



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Festo Didactic
en 230 V - 50 Hz
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General Description

The 1AC Transformer consists of a power transformer enclosed in a module. Both the primary and secondary sides of the 1AC Transformer are made of two identical separate windings. Banana jacks on the module front panel provide access to each winding, allowing connection in a variety of configurations. The 1AC Transformer has a turns ratio of 1:5, when considering the totality of its primary and secondary windings. The 1AC Transformer windings are polarized and the polarity of each winding is indicated by a small dot on the module front panel. A thermistor output allows monitoring of transformer temperature to prevent overheating. A typical application of the 1AC Transformer is to convert the energy stored in batteries to a suitable voltage level (for example, to the level of the ac power network voltage).

Specifications

Parameter	Value
Nominal Power	240 VA
Primary Rating (2 windings)	24 V AC – 5 A for each winding
Secondary Rating (2 windings)	120 V ac – 1 A for each winding
Protection	10 kΩ thermistor, type 2
Conformity/Directives	CE and RoHS
Physical Characteristics	
Dimensions (H x W x D)	297 x 133 x 140 mm
Net Weight	5,3 kg

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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