

Single-Phase Transformer with Search Coils

586457 (8341-10)

FESTO

LabVolt Series

Datasheet



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Festo Didactic
en 120 V - 60 Hz
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Table of Contents

General Description	3
Specifications	3

General Description

This Single-Phase Transformer module is a variant of the Fully Protected Single-Phase Transformer, Model 8341-2, that is fitted with two search coils, which allow observation of the magnetic flux waveform in the iron core. One search coil is wound around the center core and the other around an outer leg of the transformer. These coils are brought out to smaller-size banana terminals on the faceplate so they cannot be damaged by misconnection.

Specifications

Parameter	Value
Coil 1 Rating	
Voltage	120 V – AC
Current	0.5 A
Coil 2 rating	
Voltage	208 V
Current	0.3 A
Taps	50% and 86.6%
Coil 3 Rating	
Voltage	120 V – AC
Current	0.5 A
Taps	50%
Search Coils	
Center Core	20 turns
Outer Leg	20 turns
Physical Characteristics	
Dimensions (H x W x D)	154 x 287 x 440 mm (6.1 x 11.3 x 17.3 in)
Net Weight	6.5 kg (14.3 lb)

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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