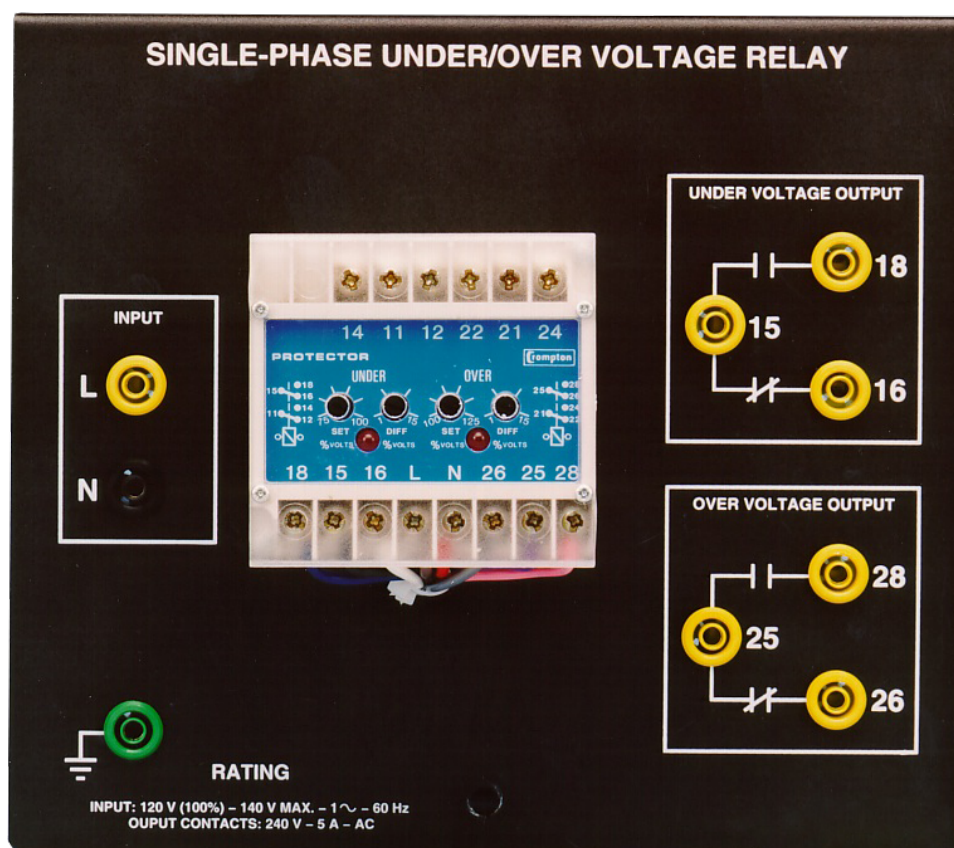


Single-Phase Under/Over Voltage Relay 586203 (3816-20)

FESTO

LabVolt Series

Datasheet



* The product images shown in this document are for illustration purposes; actual products may vary. Please refer to the Specifications section of each product/item for all details. Festo Didactic reserves the right to change product images and specifications at any time without notice.

Table of Contents

General Description	3
Specifications	3

General Description

The Single-Phase Under/Over Voltage Relay is a protective relay that is sensitive to both undervoltage and overvoltage conditions in single-phase power systems. It trips when the voltage moves outside the set voltage limits.

Voltage setpoint and hysteresis adjustments are provided for undervoltage and overvoltage. Two independent sets of contacts are provided: one for undervoltage and one for overvoltage.

Specifications

Parameter	Value
Ratings	
Nominal Input Voltage	69 V ac
Maximum Input Voltage	120% of nominal input voltage
Undervoltage Setpoint Range	75% to 100% of nominal input voltage
Overvoltage Setpoint Range	100% to 125% of nominal input voltage
Hysteresis Range	1% to 15% of nominal input voltage
Output Contacts	2 x SPDT: 0.5 A at 120 V dc; 5 A at 240 V ac
Physical Characteristics	
Dimensions (H x W x D)	203 x 229 x 184 mm (8.0 x 9.0 x 7.2 in)
Net Weight	1.4 kg (3.1 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.

Festo Didactic reserves the right to make product improvements at any time and without notice and is not responsible for typographical errors. Festo Didactic recognizes all product names used herein as trademarks or registered trademarks of their respective holders. © Festo Didactic Inc. 2025. All rights reserved.

Festo Didactic SE

Rechbergstrasse 3
73770 Denkendorf
Germany

P. +49(0)711/3467-0
F. +49(0)711/347-54-88500

Festo Didactic Inc.

607 Industrial Way West
Eatontown, NJ 07724
United States

P. +1-732-938-2000
F. +1-732-774-8573

Festo Didactic Ltée/Ltd

675 rue du Carbone
Québec QC G2N 2K7
Canada

P. +1-418-849-1000
F. +1-418-849-1666

www.labvolt.com

www.festo-didactic.com