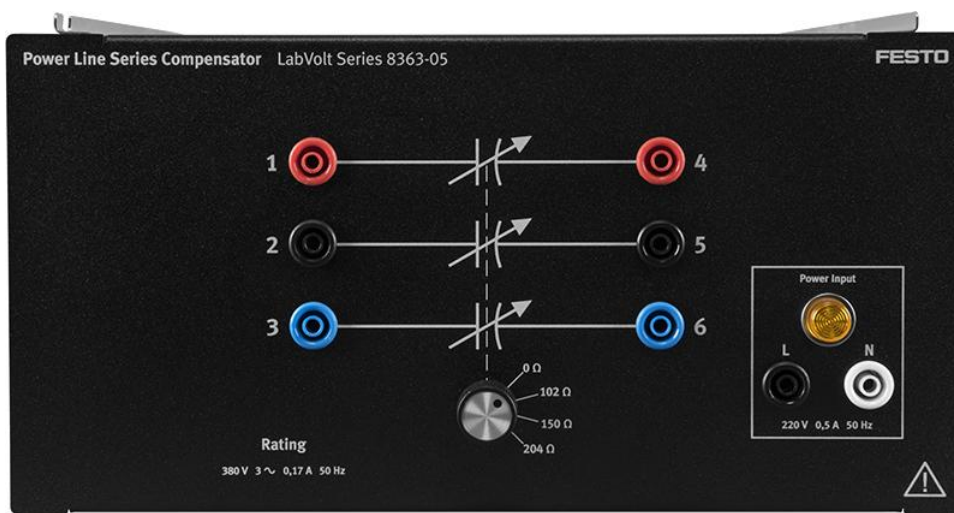


Power Line Series Compensator 586479 (8363-05)

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.

Festo Didactic
en 220 V - 50 Hz
11/2024

Table of Contents

General Description _____	3
List of Manuals _____	3
Table of Contents of the Manual(s) _____	3
Specifications _____	3

General Description

The Power Line Series Compensator is housed in a half-size module. It contains three capacitor banks which can be adjusted to four different compensation scales (0%, 17%, 25% or 34% of the longest transmission line of the Three-Phase Transmission Line, Model 8329) using a selector switch. The capacitor banks are accessible through 4 mm color coded safety sockets.

List of Manuals

Description	Manual number
0,2-kW Electric Power Transmission System (Workbook) _____	585171 (86321-05)
0,2-kW Electric Power Transmission System (Workbook (Instructor)) _____	585172 (86321-15)

Table of Contents of the Manual(s)

0,2-kW Electric Power Transmission System (Workbook) (585171 (86321-05))

- 1 Power-Handling Capability and Parallel Lines
- 2 Effects of Series Compensation on the Power Transfer Capability and System Stability
- 3 Effect of Series Compensation on the Voltage Regulation and Power Factor

Specifications

Parameter	Value
Rating	
Power Input Voltage	220 V - 50 Hz
Power Input Current	0.5 A
Line Voltage	380 V - 50 Hz
Line Compensation	0.102, 150, 204
Line Current	0.7 A
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	13.9 kg (30.6 lb)
Shipping Weight	15.5 kg (34.1 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. 2024. 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