Power Line Series Compensator 586479 (8363-05)



LabVolt Series

Datasheet

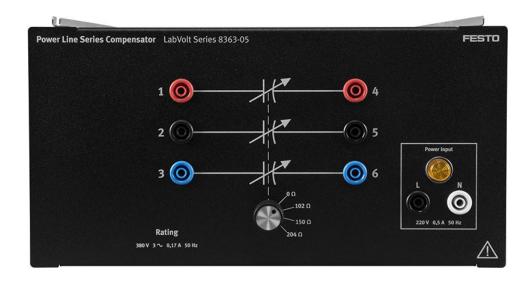


Table of Contents

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

© Festo Didactic 2

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)

3 © Festo Didactic

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

© Festo Didactic 4