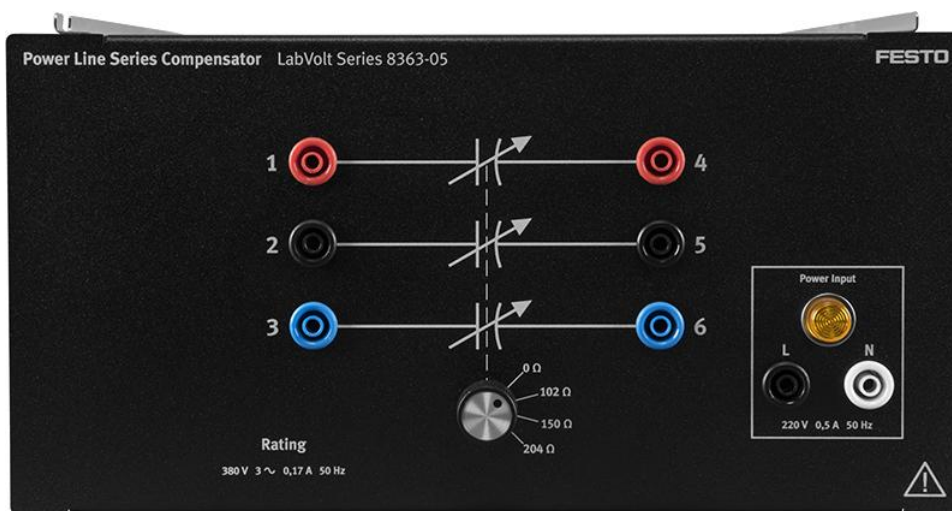


# Power Line Series Compensator 586479 (8363-05)

**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  
10/2024

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## 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
<b>Rating</b>	
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
<b>Physical Characteristics</b>	
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.

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