

Power Line Series Compensator 586479 (8363-05)

FESTO

LabVolt Series

Datasheet

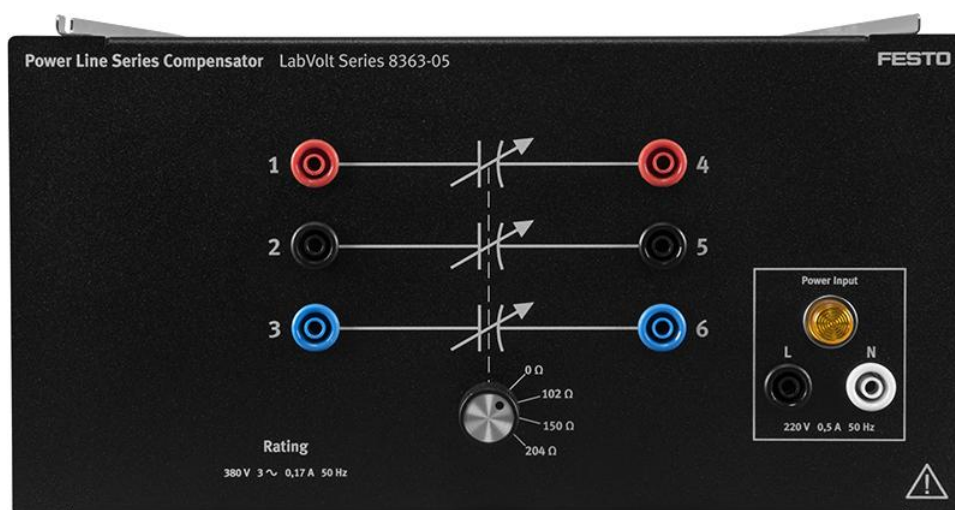


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General Description

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 (Student Manual) _____	585171 (86321-05)
0,2-kW Electric Power Transmission System (Instructor Guide) _____	585172 (86321-15)

Table of Contents of the Manual(s)

0,2-kW Electric Power Transmission System (Student Manual) (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)

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