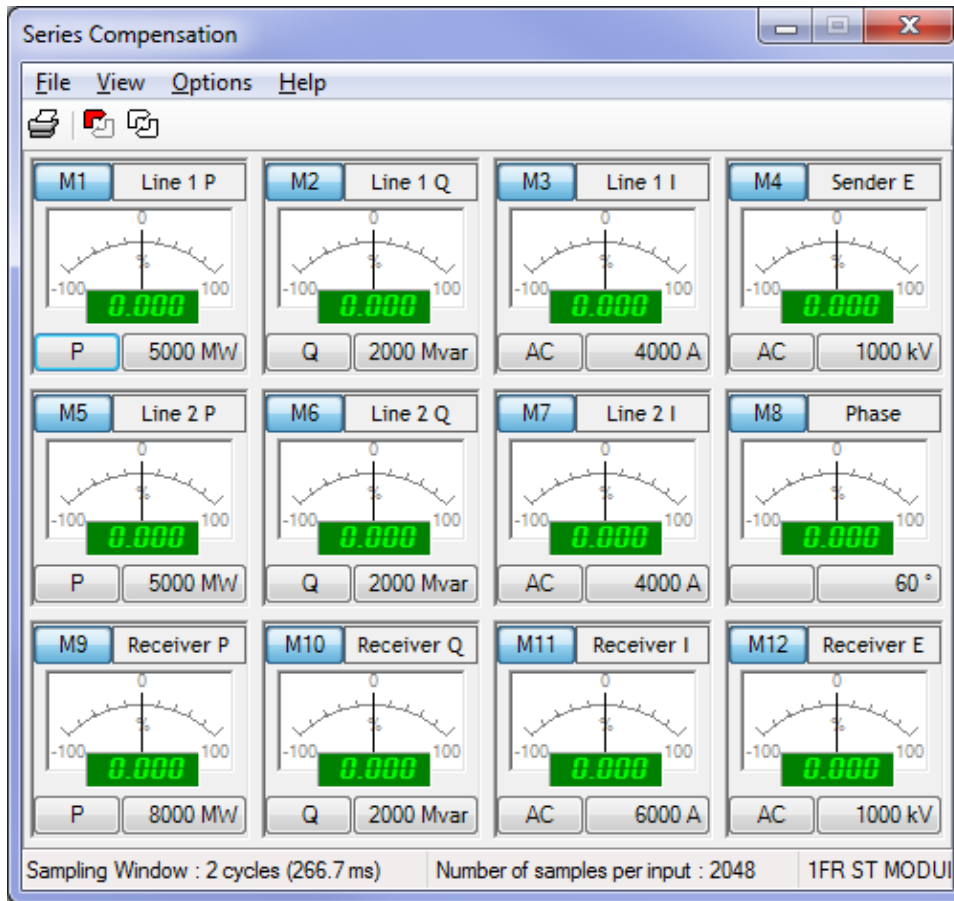


# Power Line Series Compensation Function Set 581461 (9069-S0)



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.

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## General Description

The Power Line Series Compensation Function Set enables the Series Compensation function in LVDAC-EMS.

## Additional Equipment Required to Perform the Exercises (Purchased separately)

Qty	Description	Model number
1	Power Line Series Compensation Demonstrator (Add-on to EMS)	586477 (8362-A0)

## Module Options Description

### Power Line Series Compensation Demonstrator (Add-on to EMS) 586477 (8362-A0)



The Power Line Series Compensation Demonstrator (EMS Version) is a variant of the Power Line Series Compensation Demonstrator, Model 8362, that does not include any test equipment, leads, or power supply. It is mounted in a full-size EMS module and requires a Data Acquisition and Control Interface, with the Power Line Series Compensation Function Set and the LVDAC-EMS software for all the required measurements.

## Manual

Description	Manual number
Power Line Series Compensation Demonstrator (User Guide)	584246 (31993-E0)

## Table of Contents of the Manual(s)

### Power Line Series Compensation Demonstrator (User Guide) (584246 (31993-E0))

- 1 Power Transfer Capability of a Transmission Line
- 2 Effects of Series Compensation on Power Transfer Capability and System Stability
- 3 Effect of Series Compensation on Regulation of the Receiver Voltage
- 4 Reduction of the Transmission Losses on Parallel Lines Using Series Compensation

## Additional Equipment Required to Perform the Exercises (Purchased separately)

Qty	Description	Model number
1	Power Line Series Compensation Function Set	581461 (9069-S0) <sup>1</sup>

<sup>1</sup> For the required data acquisition.

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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