

# Programmable Logic Controller (AB CompactLogix) 589123 (46966-10)

**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  
11/2024

## Table of Contents

General Description	3
---------------------	---

## General Description

The AB CompactLogix PLC is a cost-effective controller from the Allen-Bradley family of Logix controllers. This PLC features a L24 CPU and includes sixteen 24 V dc digital inputs and sixteen 24 V dc digital output relays hardwired to both banana jacks and terminal blocks on the module front panel. Banana jacks provide an easy and fast way to wire a setup, while terminal blocks allow students to wire their setup in a way much closer to what is commonly found in the industry. A total of eight 4-20 mA analog inputs and eight 4-20 mA analog outputs are also included.

The CompactLogix PLC supports Ethernet/IP network communication. The two Ethernet/IP ports are located on the front panel to make the cabling more convenient.

The CompactLogix PLC is programmed with Rockwell's RSLogix 5000 Lite Edition software (Model 5935 or -A) using any of four languages: Relay ladder, structured text, sequential function chart, and function block diagram. This module has ten switches that the instructor can use to insert faults.

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](http://www.labvolt.com)**

**[www.festo-didactic.com](http://www.festo-didactic.com)**