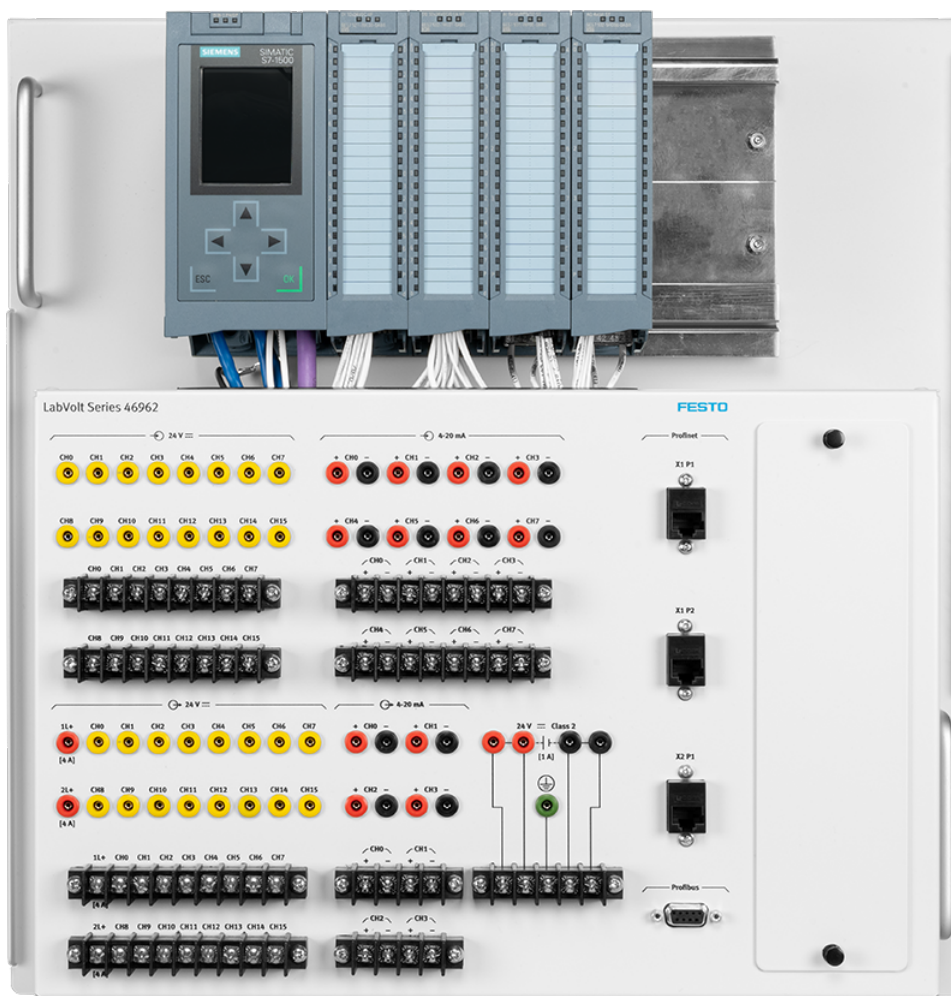


Programmable Logic Controller (S7-1516) 589671 (46962-00)

FESTO

LabVolt Series

Datasheet



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General Description

The Programmable Logic Controller (S7-1516) consists of a controller from the Siemens family. This powerful PLC comes with sixteen 24 V dc inputs, eight 4-20 mA inputs, eight 24 V dc output relays and eight 4-20 mA outputs 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.

The Siemens S7-1516 PLC supports two types of network communication: one PROFIBUS and three PROFINET ports.

The S7-1516 PLC is programmed using Siemens SIMANTIC STEP 7 Pro software in TIA Portal environment (Model 46986) using any of four languages: Ladder (LAD), Function Block Diagram (FBD), Instruction List (IL). 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.

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