Programmable Logic Controller (AB ControlLogix) 589122 (46965-10)





LabVolt Series

Datasheet

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General Description

The Programmable Logic Controller (AB ControlLogix) consists of a controller from the Allen-Bradley family. This powerful PLC comes with sixteen 24 V dc inputs, eight 4-20 mA HART inputs, eight 24 V dc output relays and eight 4-20 mA HART 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 ControlLogix PLC supports EtherNet/IP. The EtherNet/IP communication ports are located on the PLC processor. A USB port, also located on the PLC processor, can be used to transfer a program into the PLC.

The ControlLogix PLC can be programmed using Rockwell's RSLogix 5000 Full Edition software (Model 5935-1 or -B) in any of four languages: relay ladder, structured text, sequential function chart, and function block diagram. The module has ten switches that the instructor can use to insert faults.

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