

Direct^{LOGIC} DL305 Programmable Logic Controller (PLC)



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DL305 - Still supports all these PLCs

What is it?

The DL305 series is a small modular PLC that has been marketed by various name-brand PLC manufacturers for over 31 years. This Koyo design revolutionized the small PLC market, and is still going strong in tens of thousands of installations. You can maintain your current system with fully compatible replacement modules.

What's it got?

- Two standard CPUs, including the D3-350 with PID control and two communication ports
- Specialty CPUs to convert a DL305 system into an RTU for Optomux, Pamux, or to allow BASIC programming for custom applications
- AC, DC inputs
- AC, DC, and relay outputs
- 8 or 12-bit analog input/output

What can I do with it?

- Maintain or upgrade any installed GE Series One, Texas Instruments Series 305, or Siemens SIMATIC TI305 system

You can swap parts among all the PLCs on the opposite page

The DL305 PLC design has offered exceptional reliability, the right mix of features and a great price. This design was so well-liked when it was introduced that it became the most popular privately-labeled PLC in history. Best of all, almost every part produced in its 31-year history is interchangeable.

GE nicknamed it "America's Most Popular PLC"

In 1983, General Electric decided to private label the Koyo SR21 design. They called it the General Electric Series One and changed the color from Koyo yellow to black. The product sold so well they nicknamed it "America's Most Popular PLC."

Texas Instruments called it the "Best Value PLC"

In 1989, Texas Instruments began to private label the Koyo SR21 design. They named it the Series 305 and changed the plastic color to light gray. The product was enhanced and did so well for Texas Instruments that they nicknamed it the "Best Value PLC."

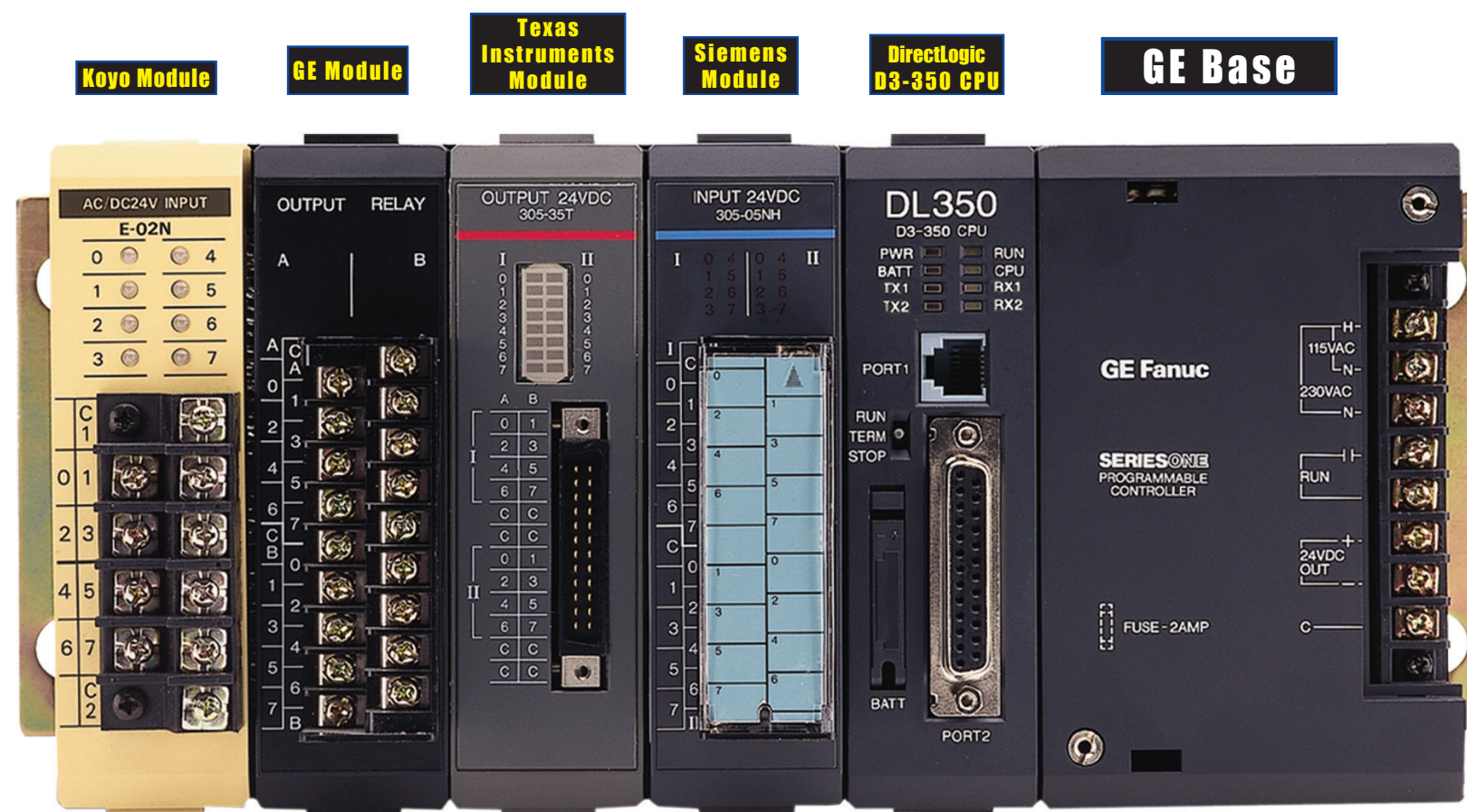
Siemens also called it the "Best Value PLC"

In 1991, Siemens Industrial Automation decided to private label the Koyo SR21 design. They named it the SIMATIC TI305 and changed the color to charcoal grey. Once again, the product line continued to receive enhancements and the nickname "Best Value PLC" continued at Siemens.

AutomationDirect calls it a "PLC Classic"

In 1994, AUTOMATIONDIRECT added more enhancements with Windows-based *DirectSOFT*, and in 1997 introduced the D3-350 CPU, which offered updated features while maintaining compatibility with legacy systems.

The DL305 has served well; however, if you are designing a new system, we encourage you to review our latest PLCs with much easier configuration and a more intuitive instruction set - CLICK, Do-more or Productivity series controllers.



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