6ES5-095-8MC03-SIMATIC-S5-95U-CPU-E-ST1

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es5-095-8mc03-simatic-s5-95u-cpu-e-st1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6ES5 095-8MC03
Product Type	Compact PLC
Supply Voltage	24 V DC
Internal Memory	16 KB RAM
Digital Inputs	16
Digital Outputs	16
Analog Inputs	8
Analog Output	1
Counter Inputs	2
Interrupt Inputs	4
Front Connector	40-pin

Description

The Siemens 6ES5 095-8MC03 is a compact programmable logic controller (PLC) from the SIMATIC S5 series, specifically designed for the S5-95U platform. Operating on a 24 V DC supply, this unit features 16 KB of internal RAM, facilitating efficient processing of control tasks.

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It offers 16 digital inputs and 16 digital outputs, each rated at 24 V DC with a maximum current of 0.5 A per channel, enabling reliable digital signal processing. Additionally, the controller includes eight analog inputs with a 0–10 V range and a single analog output configurable for 0–10 V or 0–20 mA, providing versatile analog signal handling capabilities.

The unit also supports four interrupt inputs and two counter inputs, with counting limits of 5 kHz for counter A and 2 kHz for counter B, accommodating various industrial applications. For connectivity, the 6ES5 095-8MC03 is equipped with a 40-pin front connector, compatible with both crimp and screw terminal options, ensuring flexible integration into existing systems.

This PLC is suitable for complex control tasks requiring a compact and efficient solution, particularly in environments where space is at a premium.