AUTOMATION TRADER

6ES5945-7UA21

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es5945-7ua21
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	0.40 kgs
Memory Capacity	384 KB RAM
Interface Slot	1 slot for additional interface module
Programming Language	STEP 5
Discontinued Status	Discontinued as of October 1, 2006
Memory Capacity	384 KB
Processor Type	CPU 945
Compatibility	SIMATIC S5-115U
Discontinuation Date	October 1, 2006
Repair Services	Available

Description

The Siemens 6ES5945-7UA21 is a central processing unit (CPU) designed for the SIMATIC S5-115U programmable logic controller (PLC) system. This CPU offers a substantial 384 KB of user memory, enabling it to handle complex automation tasks and extensive I/O operations efficiently. It is equipped with a slot for an additional interface module, providing flexibility for various communication needs. The CPU 945 is programmed using Siemens' STEP 5 software, offering tools for structured programming, debugging, and program optimization. Its memory capacity allows for modular programming, supporting extensive subroutines and reusable program blocks. Despite being discontinued as of October 1, 2006, the 6ES5945-7UA21 remains a reliable choice for extending the life of existing systems. Repair services are available to ensure continued performance and operational continuity.