AUTOMATION TRADER

6ES7312-5AC82-0AB0

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	6es7312-5ac82-0ab0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.24 kgs
Product Type	CPU Module
Product Family	SIMATIC S7-300
Digital Inputs	10 DI
Digital Outputs	6 DO
Integrated Power Supply	24 V DC
Working Memory	6 Kbytes
Dimensions	127 × 76 × 127 mm
Weight	0.53 kg

Description

The Siemens 6ES7312-5AC82-0AB0 is a central processing unit (CPU) module from the SIMATIC S7-300 series, designed for industrial automation applications requiring reliable performance in expanded temperature ranges. This CPU 312 IFM variant offers 10 digital inputs (DI) and 6 digital outputs (DO), facilitating efficient control of various automation tasks. It features an integrated 24 V DC power supply, ensuring consistent operation without the need for external power sources. The module is equipped with approximately 6 Kbytes of working memory, providing sufficient capacity for handling moderate-sized programs and data. Its compact dimensions of 127 × 76 × 127 mm (5.0 × 3.0 × 5.0 in) and weight of 0.53 kg (1.17 lb) make it suitable for installations where space and weight considerations are critical. The 6ES7312-5AC82-0AB0 is particularly well-suited for controlling automation tasks that require moderate I/O through integrated digital channels, such as machine operation with local sensor/actuator logic. Its design ensures seamless integration with Siemens

S7-300 rack systems, supporting medium-sized automation tasks effectively.

AUTOMATION TRADER

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE

VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.