

6ES7516-3FN02-0AB0

Industrial automation components

Manufacturer	Siemens
Catalog number	6es7516-3fn02-0ab0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.03 kgs
EAN	4047623410492
Country of Origin	Germany
Article Number	6ES75163FN020AB0
Product Family	CPU 1516F-3 PN/DP
Catalog ID	ST73
Packaging Dimensions	6.22 x 6.26 x 3.307
Package Size Unit of Measure	Inch
Quantity Unit	1 Piece
Product Group	4526
Net Weight	2.064 lb
Packaging Quantity	1 pieces
Commodity Code	85371091

Description

The Siemens 6ES7516-3FN02-0AB0 is a central processing unit (CPU) from the SIMATIC S7-1500F series, designed for industrial automation applications. It features a 1.5 MB work memory for program storage and a 5 MB memory for data handling, ensuring efficient processing and data management. The CPU is equipped with three interfaces: the first is PROFINET IRT with a 2-port switch for real-time communication, the second is PROFINET RT, and the third is PROFIBUS, facilitating versatile connectivity options. With a bit performance of 10 nanoseconds, it delivers rapid processing speeds suitable for demanding automation tasks. The device requires a SIMATIC Memory Card for operation, providing essential storage and configuration capabilities. This CPU is ideal for applications requiring high-speed processing and reliable communication in industrial settings.