

6ES5316-8MA11

Industrial automation components

Manufacturer	Siemens
Catalog number	6es5316-8ma11
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	0.14 kgs
Product Type	Module
Component Specifications	im316
Product Family	SIMATIC S5
Dimensions	45.4 x 135 x 39 mm
Weight	120 g
Power Consumption	27 mA at +9 V
Model	IM316
Controller Compatibility	S5-100U, S5-100U/ET, S5-200U
Expansion Racks Supported	Up to 3
Discontinued Status	Discontinued since November 1, 1994

Description

The Siemens 6ES5316-8MA11 is an interface module from the SIMATIC S5 series, specifically the IM316 model. Designed for the S5-100U, S5-100U ET, and S5-200U programmable logic controllers (PLCs), this module facilitates communication between multiple control units, enabling complex industrial automation processes. It supports the connection of up to three expansion racks, enhancing system scalability and flexibility. The module operates with a typical power consumption of 27 mA at +9 V, ensuring efficient energy usage. Its compact dimensions—45.4 mm in height, 135 mm in length, and 39 mm in depth—allow for easy integration into existing setups. Weighing approximately 120 grams, the 6ES5316-8MA11 is suitable for various industrial environments. Although officially discontinued as of November 1, 1994, the module remains repairable, offering a cost-effective solution for extending the lifespan of existing Siemens automation systems. For those seeking to maintain or refurbish their systems, repair services are available to ensure continued operation and reliability.