# 6ES5316-8MA11

Industrial automation components

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|---|---|
| **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

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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.

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