

6SE6400-1PB00-0AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6400-1pb00-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.18 kgs
Interface Type	profibus
Product Type	Module
Data Transmission Rate	Up to 12 Mbaud
Dimensions	161 mm x 73 mm x 46 mm
Weight	0.3 kg
Supply Voltage	6.5 V \pm 5% (max. 300 mA) from inverter or 24 V \pm 10% (max. 350 mA) from external source
Operating Temperature Range	-10°C to +50°C
Connector for MM4 FX/GX	6GK1500-0EA02

Description

The Siemens 6SE6400-1PB00-0AA0 is a PROFIBUS-DP communication module designed for seamless integration with Siemens MICROMASTER 4 series inverters, including models MM420, MM430, and MM440. This module enables high-speed communication between the inverter and higher-level automation systems, operating as a PROFIBUS slave device. It supports data transmission rates up to 12 Mbaud, facilitating efficient and reliable data exchange within industrial automation networks. The module is housed in a compact enclosure measuring 161 mm in length, 73 mm in width, and 46 mm in depth, with a weight of approximately 0.3 kg. It operates within a temperature range of -10°C to +50°C and requires a supply voltage of 6.5 V \pm 5% (max. 300 mA) from the inverter or 24 V \pm 10% (max. 350 mA) from an external source. The module also provides a 5 V \pm 10% (max. 100 mA) galvanically isolated supply for terminating the serial interface bus or supplying an Optical Link Plug (OLP). For mechanical compatibility with MM4 FX/GX variants, the connector 6GK1500-0EA02 is required. This module is ideal for applications requiring robust and high-speed communication between Siemens inverters and automation systems, ensuring efficient control and monitoring in industrial settings.