

6SN1146-1BB00-0EA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1146-1bb00-0ea1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	23.59 kgs
Cooling Capacity	104 kW
Horsepower	104 KW
Product Type	Module
Weight	52.06 lbs
Input Voltage	380-480 V AC
Rated Power	80 kW
Overload Capability	150% for 3 seconds %
Cooling Type	External Cooling
Mounting Type	Panel-mountable
Protection Features	Short circuit, overload, overtemperature, under-voltage, over-voltage
Communication Interface	Profibus DP

Description

The Siemens 6SN1146-1BB00-0EA1 is a high-performance infeed/regenerative feedback module from the SIMODRIVE 611 series, engineered for demanding industrial automation applications. Designed for closed-loop control, this module efficiently manages energy feedback and regulation, ensuring stable and reliable operation in process control systems. It operates within a voltage range of 380-480 V AC, 3-phase, and delivers a rated power of 80 kW, with an overload capability of 150% for 3 seconds, making it suitable for high-performance production lines. The module features external cooling to effectively handle thermal loads, and its panel-mountable design facilitates seamless integration into existing systems. Equipped with protection features such as short circuit, overload, overtemperature, under-voltage, and over-voltage, it ensures operational safety and longevity. Additionally, the module includes a Safe Torque Off (STO) safety feature, enhancing its suitability for safety-critical applications. The 6SN1146-1BB00-0EA1 is compatible with Profibus DP communication interface, enabling efficient integration into networked automation systems. Its robust construction and advanced features make it a reliable choice for applications in automotive, aerospace, power generation, and electronics industries.