

Siemens 6SN1123-1AA00-0EA1 Manual

Brand	Siemens
Product Series	Siemens
Product Type	Power Module

Description

The Siemens 6SN1123-1AA00-0EA1 is a power module mainly used in CNC and motor control applications. It supports an output voltage ranging from 0 to 600 V DC and has a current rating of 160 A.

Technical specifications for 6SN1123-1AA00-0EA1

Manufacturer Siemens

Product Type Power Module

Product Line SIMODRIVE

Part Number 6SN1123-1AA00-0EA1

EAN 4025515014331

Weight 23.00 lbs (10.43 kg)

Current Rating 160 A (1FT5=80 A, 1FT6=56 A, 1PH=60 A, Asynchronous=60 A)

Cooling Internal cooling (fan)

Application CNC systems, motor control

Axis 1-axis

Output Voltage 0-600 V DC

Spare Part Yes

Operating Temperature Range 0°C to 45°C

Input Voltage 380-480 V AC

Description

Siemens' 6SN1123-1AA00-0EA1 power module is engineered for efficiency in CNC and motor control systems. The device operates within an input voltage spectrum of 380 to 480 V AC, delivering a robust output voltage of up to 600 V DC.

This power module boasts a total current rating of 160 A. Its specific ratings for different motor types include 80 A for 1FT5, 56 A for 1FT6, and 60 A for both the 1PH and asynchronous motors, making it versatile for various applications.

The 6SN1123-1AA00-0EA1 power module incorporates an internal fan for effective cooling, crucial for maintaining performance during operations. Weighing in at 3.70 kg, it is designed for single-axis applications. It also operates over a temperature range from 0°C to 45°C, ensuring functionality under typical conditions. Additionally, the 6SN1123-1AA00-0EA1 can be utilized as a spare part, ensuring that users have adequate support for maintenance or upgrades.

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