

6SE6420-2AB13-7AA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6420-2ab13-7aa1
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	0.09 kgs
Horsepower	0.37 KW
Cooling Capacity	0.37 kW
Product Type	Drive
Signal Type	240
Signal Level	240 V
Relay Specifications	240 VAC
Voltage	200 - 240 V
Current	4.6 A
Power	0.37 kW

Description

The Siemens 6SE6420-2AB13-7AA1 is a frequency inverter from the MICROMASTER 420 series, designed for precise motor control in industrial automation applications. Operating on a single-phase AC input of 200-240 V with a tolerance of $\pm 10\%$ and a frequency range of 47-63 Hz, it delivers a constant torque power of 0.37 kW. The inverter can handle overloads up to 150% for 60 seconds, ensuring reliable performance in demanding environments. Its compact dimensions of 173 x 73 x 149 mm (HxWxD) and IP20 protection rating make it suitable for integration into existing control cabinets. The device operates efficiently in ambient temperatures ranging from -10°C to $+50^{\circ}\text{C}$. Notably, the 6SE6420-2AB13-7AA1 does not include an Advanced Operator Panel (AOP) or Basic Operator Panel (BOP), allowing for flexible integration into custom setups or existing systems. This model has been discontinued as of October 1, 2019, but remains repairable, offering a cost-effective and sustainable alternative to replacement. UNIS Group provides specialized repair services for this inverter, extending its operational life and ensuring continuity for systems that depend on this model.