

6SE7014-0TP50-Z

Industrial automation components

Manufacturer	Siemens
Catalog number	6se7014-0tp50-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.63 kgs
Voltage	510 V
Product Type	Inverter
Signal Type	650
Current	4 A
Power	1.5 kW
Cooling Capacity	1.5 kW
Signal Level	650 V
Relay Specifications	4 A

Description

The Siemens 6SE7014-0TP50-Z is a compact plus inverter from the SIMOVERT MASTERDRIVES Motion Control series, designed for precise control in industrial automation applications. Operating with a DC input voltage range of 510 to 650 V and delivering a rated power of 1.5 kW, it provides an output current of 4 A. The device supports an output frequency range from 0 to 400 Hz, making it suitable for various motor control tasks. Its dimensions are 67.5 x 260 x 360 mm, and it weighs approximately 3.4 kg. The inverter is designed for screw mounting and offers protection levels of IP00 and IP20, ensuring durability in different environments. It operates efficiently within ambient temperatures ranging from 0 to +45 °C when air-cooled and up to +40 °C when water-cooled. The 6SE7014-0TP50-Z is UL Listed and CSA Certified, meeting international safety standards. This inverter is ideal for applications requiring reliable and efficient motor control solutions.