

6SE7012-0TP50

Industrial automation components

Manufacturer	Siemens
Catalog number	6se7012-0tp50
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.99 kgs
Voltage	510 - 650 V
Power Supply Type	AC
Signal Level	650 V
Current	2 A
Power	0.75 kW
Cooling Capacity	0.75 kW
Product Type	Drive
Signal Type	650
Relay Specifications	480 VAC

Description

The Siemens 6SE7012-0TP50 is a compact plus inverter from the SIMOVERT MASTERDRIVES Motion Control series, designed for precise motion control in industrial applications. Operating with a DC input voltage range of 510 to 650 V and delivering a rated power of 0.75 kW, it supports a current of 2 A. The unit measures 45 x 360 x 260 mm and weighs 3 kg, making it suitable for installations where space and weight are considerations. It features a closed-loop current control function and operates within an ambient temperature range of 0 to +45 °C for air cooling and 0 to +40 °C for water cooling. The 6SE7012-0TP50 is UL Listed and CSA Certified, ensuring compliance with international safety standards. This inverter is ideal for applications requiring reliable and efficient motor control, such as in conveyor systems, pumps, and other machinery where precise speed and torque control are essential.