6SE3214-0TP87-0RA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se3214-0tp87-0ra0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.53 kgs
Resistance	40 ohms
Continuous Power Rating	2500 watts
Peak Power Capacity	15000 watts
Dimensions	360 x 145 x 540 mm
Weight	9.53 kg
Voltage Range	380-500 V

Description

The Siemens 6SE3214-0TP87-0RA0 is a braking resistor unit designed for the MICROMASTER 3rd Generation variable frequency drives, specifically the MIDIMASTER VECTOR series. This resistor unit is engineered to dissipate braking energy efficiently, ensuring smooth deceleration and preventing overvoltage conditions in the drive system. It features a resistance of 40 ohms, a continuous power rating of 2,500 watts, and a peak power capacity of 15,000 watts, making it suitable for applications requiring rapid deceleration and high braking torque. The unit's dimensions are 360 mm in height, 145 mm in width, and 540 mm in depth, with a weight of approximately 9.53 kg. It operates effectively within a voltage range of 380V to 500V, aligning with the voltage specifications of the MIDIMASTER VECTOR drives. This braking resistor unit is an essential component for enhancing the performance and longevity of Siemens variable frequency drive systems, providing reliable and efficient braking solutions for industrial automation applications.

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