

SPM75-TB

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	spm75-tb
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	13.70 kgs
Weight	13.70 kg
Dimensions	38 cm x 63 cm x 70 cm
Housing Material	Black metallic
Operating Temperature Range	0 to 40°C
Installation Altitude	Up to 1000 meters m
Performance Derating	1.5% per 100 meters up to 2500 meters %
Cooling Method	Forced convection with built-in cooling fan

Description

The Bosch Rexroth SPM75-TB is a high-performance spindle amplifier module designed for precise motion control in industrial applications. Operating with a rated current of 75 A and a nominal input voltage of 520 V, it ensures reliable performance in demanding environments. The module is housed in a robust black metallic casing that protects its internal components from environmental contaminants, thereby enhancing durability and operational stability. For optimal performance, the SPM75-TB operates within a temperature range of 0 to 40°C and is suitable for installations up to 1000 meters above sea level, with performance derating by 1.5% per 100 meters up to 2500 meters. The amplifier features easy electrical integration through protected power connection terminals and includes an intuitive ground connection indication displayed by an LED, facilitating straightforward setup and maintenance. Additionally, the built-in cooling fan and forced convection cooling method maintain optimal operating temperatures, ensuring consistent performance. This module is ideal for applications requiring precise spindle control and is compatible with Bosch Rexroth's Indramat drive systems.