

VM60/EB-TA

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	vm60eb-ta
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.26 kgs
Voltage	380 V
Product Type	Module
Signal Type	380
Relay Specifications	380 VAC
Current	60 A
Frequency	50 - 60 Hz
Signal Level	380 V

Description

The Bosch Rexroth VM60/EB-TA is a high-performance power supply module designed for industrial automation applications. Part of the VM Amplifier Drives series, this module accepts a three-phase input voltage of 380–415 V AC at 50 Hz and delivers a regulated output of 520 V DC. It provides a nominal output current of 60 A at ambient temperatures up to 45°C, with automatic current limiting to 30 A at 55°C to prevent thermal stress. The module supports transient loads up to a maximum current of 150 A, accommodating peak-demand applications. With dimensions of 330 mm in height, 400 mm in length, and 100 mm in width, and weighing 8 kg, it is designed for vertical installation on standard mounting rails, facilitating efficient natural convection cooling without the need for additional fans. Built-in overcurrent and overvoltage protection enhance operational safety, making it suitable for demanding environments. Ideal for applications such as conveyor systems, robotic workstations, and packaging machinery, the VM60/EB-TA ensures reliable and efficient power supply in industrial automation systems.