

## VM 50/B-TC1 3/PE

Industrial automation components

<b>Manufacturer</b>	Bosch Rexroth
<b>Catalog number</b>	vm-50b-tc1-3pe
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	4.08 kgs
<b>Current</b>	50 A
<b>Frequency</b>	50
<b>Product Type</b>	Module
<b>Signal Type</b>	400
<b>Signal Level</b>	400 V
<b>Relay Specifications</b>	400 VAC

### Description

The Bosch Rexroth VM 50/B-TC1 3/PE is a robust industrial power supply module engineered for demanding automation environments. Designed to convert a 380 V AC (3-phase, 50 Hz) input into a stable 520 V DC output at 50 A, it ensures reliable power delivery for various industrial applications. The module features a compact design with dimensions of 80 x 398 x 200 mm and a weight of 6 kg, facilitating easy integration into existing systems. It incorporates advanced thermal management to minimize power loss to 25 W and operates efficiently at a maximum temperature of 45°C. The VM 50/B-TC1 3/PE complies with Class A EMC standards, ensuring minimal electromagnetic interference. This power supply module is ideal for applications requiring consistent and efficient DC power conversion, such as automation systems, machinery control, and other industrial processes.