

## TVM2.1-050-220/300-W1-220/380

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	tvm21-050-220300-w1-220380
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	15.15 kgs
<b>Relay Specifications</b>	220 VAC
<b>Current</b>	50 A
<b>Frequency</b>	50 - 60
<b>Signal Type</b>	220
<b>Signal Level</b>	220 V

### Description

The Indramat TVM2.1-050-220/300-W1-220/380 is a high-performance power supply module engineered to deliver stable DC bus power for industrial motion control and servo drive systems. Designed for rugged automation environments, this unit converts three-phase AC mains into a reliable DC bus output suitable for multi-axis drive networks and factory automation installations. Key specifications include a rated current of 50 A, a three-phase input voltage of AC 220 V ( $\pm 15\%$ ) at 50 to 60 Hz, and a nominal DC bus voltage of 300 V ( $\pm 15\%$ ). The module features a built-in blower for cooling, operates within an ambient temperature range of 5 to 45°C, and has a protection rating of IP10, indicating it requires installation within a cabinet. With a weight of 15 kg, it is suitable for installations at altitudes up to 1000 meters above sea level. This power supply module is ideal for applications requiring a stable and efficient DC power source, such as industrial automation, CNC machinery, and multi-axis applications. It is compatible with Indramat servo drives and controls, ensuring seamless integration into existing systems.