

## TVM1.2-050-220/300-W0/220/380

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	tvm12-050-220300-w0220380
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	3.08 kgs
<b>Current</b>	10 A
<b>Signal Level</b>	24 V
<b>Voltage</b>	AC
<b>Product Type</b>	Module
<b>Signal Type</b>	24
<b>Relay Specifications</b>	380 VAC

### Description

The Indramat TVM1.2-050-220/300-W0/220/380 is a power supply module designed to provide DC power to Indramat drives, ensuring reliable operation of Indramat controls and servo motors. This module features 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 ( $\pm 15\%$ ). It utilizes natural convection cooling and offers a single-phase input voltage for control electronics of AC 230 or 400 V ( $\pm 10\%$ ) at 50 to 60 Hz. The module operates within an ambient temperature range of +5 to +45°C, with a maximum permissible ambient temperature of 55°C. It has a weight of approximately 15 kg and is designed for vertical mounting. The protection rating is IP10, and the insulation category is C, ensuring durability and safety in industrial environments.