

## TDM1.3-050-300-W1-000

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	tdm13-050-300-w1-000
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Voltage</b>	300 V
<b>Product Type</b>	Drive
<b>Signal Type</b>	300
<b>Signal Level</b>	300 V
<b>Voltage</b>	AC
<b>Fire Rating</b>	a03

### Description

The Indramat TDM1.3-050-300-W1-000 is a modular AC servo drive from the TDM Series, engineered for precise control in industrial automation applications. Designed to operate with a nominal DC bus voltage of 300V and deliver a rated current of 50A, this servo drive ensures reliable torque and speed regulation. It features a built-in fan for integrated cooling, identified by the 'W1' code, and the fan receives its power from within the unit, as indicated by the '000' suffix. This design allows for efficient thermal management in demanding environments. The TDM1.3-050-300-W1-000 is suitable for applications such as CNC machinery, packaging, robotics, and other automation systems requiring high-performance motion control. Its robust construction and reliable electronic components support consistent system uptime, an important requirement for project managers and production leaders overseeing critical production lines. The drive's modular architecture allows for scalability and ease of maintenance, making it a cost-effective solution for various industrial applications.