

TDM1.2-050-300-W1-000

Industrial automation components

Manufacturer	Indramat
Catalog number	tdm12-050-300-w1-000
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.63 kgs
Voltage	300 V
Current	50 A
Product Type	Controller
Signal Level	300 V
Signal Type	300

Description

The Indramat TDM1.2-050-300-W1-000 is a modular AC servo drive module designed for precise control in industrial automation applications. Manufactured by Indramat, a leader in motion control technology, this drive module is part of the TDM series, known for its reliability and performance. The TDM1.2-050-300-W1-000 delivers a continuous current of 50 A with a nominal DC bus voltage of 300 V, making it suitable for demanding servo control tasks. It features built-in fan cooling, ensuring efficient heat dissipation during operation. The module operates within an ambient temperature range of 5°C to 45°C, providing flexibility for various industrial environments. With a power output of 15 kW, it is capable of handling substantial loads, and its compact design allows for easy integration into existing systems. The TDM1.2-050-300-W1-000 is ideal for applications requiring precise motion control, such as robotics, CNC machinery, and automated production lines. Its robust construction and advanced features make it a reliable choice for enhancing automation processes.