

TDM1.2-030-300-W1-000

Industrial automation components

Manufacturer	Indramat
Catalog number	tdm12-030-300-w1-000
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.71 kgs
Refrigerant	r911236232
Relay Specifications	460 VAC
Voltage	380 - 460 V
Current	30 A
Product Type	Controller
Signal Type	460
Signal Level	460 V

Description

The Indramat TDM1.2-030-300-W1-000 is a modular AC servo drive unit designed for dynamic motion control applications requiring high acceleration. This servo drive features a continuous current rating of 30A and operates with a nominal DC bus voltage of 300V, delivering a power output of 9kW. It utilizes forced ventilation cooling with a built-in fan, ensuring efficient thermal management during operation. The drive is housed in an IP10 protection class enclosure, providing a degree of protection against dust and contact. It operates reliably within an ambient temperature range of +5°C to +45°C and can be mounted at altitudes up to 1000 meters above sea level. The TDM1.2-030-300-W1-000 is engineered for integration with modern industrial automation systems, offering precise control and high performance for applications such as packaging lines, precision metal machining, and complex multi-axis automation.