

TDM3.2-030-300-W1

Industrial automation components

Manufacturer	Indramat
Catalog number	tdm32-030-300-w1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	5.44 kgs
Current	30 A
Product Type	Drive
Signal Type	300
Voltage	300 V
Power	9 kW
Horsepower	12 HP
Cooling Capacity	9 kW
Signal Level	300 V

Description

The Indramat TDM3.2-030-300-W1 is a high-performance servo drive module engineered for precise variable-speed control of MAC three-phase motors in NC position loops. Designed for demanding industrial automation applications, this module offers a continuous current rating of 25 A and a peak current capacity of 30 A, ensuring reliable and responsive motor control. It operates with a link circuit DC voltage of 300 V, providing robust power handling capabilities. The TDM3.2-030-300-W1 features built-in fan cooling, maintaining optimal operating temperatures and enhancing system reliability. Its modular configuration allows for flexible integration into various automation systems. The drive is housed in an IP10 protection class enclosure, offering basic protection against dust and contact. It is rated for ambient temperatures from 5°C to 45°C, with the capability to operate up to 55°C under reduced data conditions. For installation, it is recommended to mount the drive inside a control cabinet at altitudes not exceeding 1,000 meters. This servo drive module is ideal for applications requiring precise motion control, such as robotics, packaging machinery, and other industrial automation systems.