

DDS2.1-W015-D

Industrial automation components

Manufacturer	Indramat
Catalog number	dds21-w015-d
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.57 kgs
Product Type	Drive
Voltage	300 V
Signal Type	300
Signal Level	300 V

Description

The Indramat DDS2.1-W015-D is a digital AC servo drive controller designed for precise motion control in industrial automation applications. Manufactured by Indramat, a division of Bosch Rexroth, this controller is part of the DDS series, known for its modular design and high-performance capabilities. The DDS2.1-W015-D features a rated current of 15A and utilizes digital servo motor feedback to ensure accurate and responsive control. It operates with a DC bus voltage of 300 V \pm 15%, making it suitable for various industrial environments. The controller employs internal cooling via airflow from within the control cabinet, facilitating efficient thermal management. It supports communication interfaces such as SERCOS and ANALOG, with SERCOS recommended for optimal performance. The unit has a protection category of IP 20, indicating suitability for indoor use. Weighing approximately 7.5 kg, it is designed for vertical installation and can be mounted using M6 machine screws (DIN912). The DDS2.1-W015-D is CE, C, UL, and US approved, ensuring compliance with international safety and quality standards. This drive controller is ideal for applications requiring precise and reliable motion control, such as robotics, CNC machinery, and automated production lines.