

DDS2.1-W025-D

Industrial automation components

Manufacturer	Indramat
Catalog number	dds21-w025-d
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.07 kgs
Voltage	300 V
Current	25 A
Product Type	Drive
Signal Type	300
Signal Level	300 V

Description

The Indramat DDS2.1-W025-D is a digital AC servo drive controller engineered for high-performance automation applications. Designed by Bosch Rexroth Indramat, this modular unit offers exceptional reliability and efficiency in controlling AC synchronous and linear motors. It features a rated current of 25A and utilizes internal air-based cooling, ensuring optimal thermal management during operation. The controller is equipped with digital servo motor feedback, facilitating precise motion control and positioning. Its modular design allows for stacking with other drives, enabling flexible system configurations tailored to specific application requirements. The DDS2.1-W025-D operates with a DC bus voltage of 24V, supplied by the appropriate power source module, and is suitable for ambient temperatures ranging from 0 to 45°C, with storage and transport temperatures between -30 and 85°C. This drive controller is ideal for integration into various industrial automation systems, including printing machines, packaging equipment, and robotics, where precise and reliable motion control is essential.