

DDS02.2-W050-B

Industrial automation components

Manufacturer	Indramat
Catalog number	dds022-w050-b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	8.61 kgs
Signal Type	300
Signal Level	300 V
Voltage	300 V
Current	15 A
Product Type	Drive

Description

The Indramat DDS02.2-W050-B is a modular AC servo drive controller from the DDS series, designed for precise motion control in industrial automation applications. Manufactured by Indramat, a division of Bosch Rexroth, this drive controller offers a rated current of 50A and operates with a 300V DC bus voltage ($\pm 15\%$ tolerance). It features internal air cooling and supports digital servo and resolver motor feedback, ensuring accurate and reliable performance. The controller is housed in an IP20 enclosure, suitable for installation in control cabinets, and is rated for operation in ambient temperatures ranging from 0°C to 45°C, with a maximum permissible installation height of 1000 meters above sea level. The DDS02.2-W050-B is compatible with various Indramat AC servo motors, including MDD, MKD, LAR, LAF, LSF, 2AD, ADF, 1MB, and MBW models, making it versatile for a wide range of automation tasks. Its modular design allows for integration with other Indramat components, facilitating scalable and flexible automation solutions.