DDS21-F050-DA02-00

Industrial automation components

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Manufacturer	Indramat
Catalog number	dds21-f050-da02-00
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Digital AC Servo Drive Controller
Rated Current	50 A Amps
Cooling Method	Coolant Technology
Communication Interface	Analog Interface
Ambient Temperature Range	0°C to 40°C
Maximum Installation Elevation	1000 meters
Dimensions	390 x 105 x 325 mm
Weight	11 kg

Description

The Indramat DDS2.1-F050-DA02-00 is a high-performance digital AC servo drive controller engineered for demanding industrial applications. Designed for seamless integration with Indramat's MDD, MKD, and LAR motor families, this drive ensures precise motion control in automated machinery. It delivers a continuous output current of 50 A, making it suitable for applications requiring robust performance. The drive employs advanced coolant technology for efficient thermal management, maintaining optimal operating temperatures even under continuous load. Communication is facilitated through an analog interface, ensuring compatibility with a wide range of control systems. The DDS2.1-F050-DA02-00 operates within an ambient temperature range of 0°C to 40°C and can be installed at elevations up to 1000 meters without derating, offering flexibility in various industrial environments. Its compact design, with dimensions of 390 x 105 x 325 mm and a weight of 11 kg, allows for easy integration into control panels and machinery. This drive is ideal for applications in packaging, printing, handling, and textile machinery, where precise and reliable motion control is essential.

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