

DKR03.1-W200B

Industrial automation components

Manufacturer	Indramat
Catalog number	dkr031-w200b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Indramat
Part Number	DKR03.1-W200B
Rated Current	200 A
Cooling Method	Built-in blower air cooling
Command Interface	Analog interface
Feedback Mechanism	Digital servo and resolver feedback
Protection Class	IP20

Description

The Indramat DKR03.1-W200B is a high-performance drive controller engineered for precise control of Indramat servo motors, including frameless spindle motors (1MB), A.C. main spindle motors (2AD or ADF), and linear motors (LSF or LAF). Designed for industrial automation applications, this controller ensures reliable and efficient motor operation in demanding environments. Key features of the DKR03.1-W200B include: - **Rated Current:** 200 A, providing robust power handling capabilities. - **Cooling Method:** Built-in blower air cooling system for effective thermal management. - **Command Interface:** Analog interface for seamless integration with various control systems. - **Feedback Mechanism:** Digital servo and resolver feedback for precise motor control. - **Protection Class:** IP20, suitable for installation in controlled environments. This drive controller is ideal for applications requiring high precision and reliability, such as CNC machinery, robotics, and automated production lines. Its modular design allows for customization through auxiliary plug-in modules, enabling adaptation to specific system requirements. The DKR03.1-W200B operates within a temperature range of +5°C to +45°C, ensuring stable performance across various industrial settings. For detailed specifications and integration guidelines, refer to the official Indramat USA product page.