

KDA3.3-100-3-A00-W1

Industrial automation components

Manufacturer	Indramat
Catalog number	kda33-100-3-a00-w1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.07 kgs
Product Type	Drive
Signal Type	300
Signal Level	300 V
Relay Specifications	220 VAC
Voltage	300 V
Current	100 A
Frequency	50 - 60

Description

The Indramat KDA3.3-100-3-A00-W1 is a high-performance spindle drive controller engineered for demanding motion control applications. Designed for precision and reliability, this drive operates with a rated current of 100 A and a continuous current of 70 A, ensuring robust performance in industrial settings. It utilizes a 300 V DC bus voltage, providing stable power delivery across its operating range. The controller accepts an analog ± 10 V speed command input, facilitating seamless integration with various control systems. Cooling is managed by an integrated heatsink blower powered by 220 V AC at 50–60 Hz, effectively dissipating heat during continuous operation. This model is part of Indramat's KDA series, known for its high stiffness and wide speed range capabilities, making it suitable for applications requiring precise speed and position control. The KDA3.3-100-3-A00-W1 is ideal for CNC machining centers, automated production lines, and other precision machinery where consistent and reliable spindle performance is essential.