

KDA3.2-150-3-A0S-W1

Industrial automation components

Manufacturer	Indramat
Catalog number	kda32-150-3-a0s-w1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	13.61 kgs
Voltage	300 V
Current	150 A
Product Type	Drive
Signal Type	300
Frequency	50 - 60
Signal Level	300 V
Relay Specifications	220 VAC

Description

The Indramat KDA3.2-150-3-A0S-W1 is a high-performance main spindle drive controller engineered for demanding industrial automation applications. Designed to deliver precise control and robust performance, this drive is ideal for CNC milling, turning, and grinding centers requiring high-speed machining accuracy. It operates with a rated voltage of 300 V DC and a rated current of 150 A, ensuring reliable power delivery for intensive operations. The continuous current capacity of 90 A allows for sustained performance under dynamic loads. The drive accepts an analog speed command input of ± 10 V, facilitating seamless integration into existing CNC architectures. Cooling is managed through a forced air system, utilizing a heatsink blower powered by a 220 V AC supply at 50–60 Hz, which maintains optimal thermal conditions during operation. The KDA3.2-150-3-A0S-W1 is built upon the modular KDA platform, offering flexibility and scalability for various automation needs. Its compact design and advanced electronics simplify system integration, making it a cost-effective and future-ready solution for advanced automation applications.