

KDS1.1-100-300-W1

Industrial automation components

Manufacturer	Indramat
Catalog number	kds11-100-300-w1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.05 kgs
Voltage	AC
Speed (RPM)	3000 RPM
Product Type	Controller
Current	83 A

Description

The Indramat KDS1.1-100-300-W1 is a high-performance servo drive module engineered for precision motion control in industrial automation systems. Designed by Indramat, a leader in motion control technology, this module delivers a continuous current of 100 A at a DC link voltage of 300 V, ensuring reliable operation in demanding applications. It features a fan cooling system with an integrated heat sink, effectively managing thermal conditions to maintain optimal performance. The module supports a three-phase system and is rated for IP 10 protection, making it suitable for various industrial environments. With a compact design, it is intended for vertical mounting, facilitating efficient integration into control cabinets. The KDS1.1-100-300-W1 operates within an ambient storage temperature range of -25°C to 55°C, offering flexibility in diverse operational settings. This servo drive module is ideal for applications requiring precise torque control, such as metal forming, metal machining, printing, and packaging systems. Its robust construction and advanced cooling technology ensure longevity and consistent performance, meeting the rigorous demands of modern industrial automation.