

KDS1.3-150-300-W1

Industrial automation components

Manufacturer	Indramat
Catalog number	kds13-150-300-w1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.26 kgs
Voltage	230 V
Power	750 W
Product Type	Controller
Signal Type	230
Signal Level	230 V
Current	4.5 A
Relay Specifications	5 A

Description

The Indramat KDS1.3-150-300-W1 is a high-performance servo drive module engineered for precise motor control in industrial automation systems. Designed for integration with Indramat MAC servo motors, this module ensures rapid acceleration and reliable operation. It operates with a DC link voltage of 300 V and supports a continuous current of 150 A, delivering a continuous power output of 45 kW. The unit features a mounted fan cooling system, utilizing cold-running technology to effectively dissipate heat and maintain optimal performance. This design allows for compact installation within control cabinets, enhancing space efficiency. The KDS1.3-150-300-W1 is optimized for ambient temperatures ranging from 5°C to 45°C, with a maximum permissible temperature of 55°C. It is classified under humidity class F and offers IP10 protection, ensuring durability and reliability in various industrial environments. The module is suitable for applications requiring high precision and rapid response, such as metal machining, automotive manufacturing, and complex production systems. Its robust design and advanced cooling technology make it a dependable choice for demanding automation tasks.