

HDS03.2-W100-N

Industrial automation components

Manufacturer	Indramat
Catalog number	hds032-w100-n
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	11.02 kgs
Voltage	530 - 670 V
Current	60 A
Frequency	1000 Hz
Product Type	Drive
Signal Level	670 V
Signal Type	670
Relay Specifications	500 VAC

Description

The Indramat HDS03.2-W100N is a high-performance drive controller from the HDS series, designed for precise speed and position control in industrial automation applications. Manufactured by Indramat, a division of Bosch Rexroth, this controller is engineered to integrate seamlessly with 1MB, MKD, and MHD motors, making it suitable for dynamic industries such as textile machinery, woodworking equipment, printing machinery, machine tools, handling and packaging machines, and paper manufacturing equipment. Key features include a rated current of 100 A, built-in internal air blower for cooling, and a modular design that facilitates easy servicing and replacement. The controller operates efficiently within an ambient temperature range of 5°C to 45°C, with storage and transport capabilities between -30°C and 85°C. It supports SERCOS command communication and is compatible with HVR and HVI power supply modules, as well as the HZF power connection module for enhanced performance. With a weight of 11 kg, the HDS03.2-W100N offers a compact solution for demanding servo applications, ensuring reliable and consistent performance in various industrial settings.