

HDS02.1-W040N-HS12-01-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	hds021-w040n-hs12-01-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.26 kgs
Voltage	530 - 670 V
Signal Type	670
Signal Level	670 V
Current	37 A
Frequency	1000 Hz
Product Type	Drive
Relay Specifications	500 VAC

Description

The Indramat HDS02.1-W040N-HS12-01-FW is a high-performance drive controller from Indramat's DIAX04 series, engineered for precise motion control in industrial automation applications. Designed to deliver a rated current of 40 A, this controller integrates seamlessly with SERCOS command communication interfaces, ensuring efficient and reliable data exchange. It features a built-in internal air blower for effective cooling, maintaining optimal operating temperatures during continuous high-current loads. The controller operates within an ambient temperature range of +5°C to +40°C, making it suitable for various industrial environments. Its modular design allows for the integration of optional plug-in cards, such as ARCNET bus interfaces or control cards for SYNAX systems, enhancing its versatility and adaptability to specific application requirements. The HDS02.1-W040N-HS12-01-FW is ideal for demanding applications in sectors like packaging, robotics, and CNC machinery, where precise and reliable motion control is essential.