

HDS03.2-W075-N

Industrial automation components

Manufacturer	Indramat
Catalog number	hds032-w075-n
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.07 kgs
Frequency	1000 Hz
Product Type	Drive
Signal Type	670
Voltage	530 - 670 V
Current	37 A
Refrigerant	r911190231
Signal Level	670 V
Relay Specifications	500 VAC

Description

The Indramat HDS03.2-W075N is a high-performance drive controller from the HDS Drive Controllers series, designed for demanding industrial automation applications. Operating within the DIAX04 controller family, this unit delivers a rated current of 75 A and supports a maximum output voltage of 500 V, with a maximum output frequency of 1000 Hz. It operates on an input voltage range of 530–670 V at 50–60 Hz, ensuring compatibility with various industrial power systems. The controller features a built-in internal air blower for efficient cooling, maintaining optimal performance in environments with ambient temperatures up to 45°C, and up to 55°C with reduced nominal data. With a compact design, it measures 100 mm in width and weighs 11 kg, facilitating easy integration into existing systems. The HDS03.2-W075N is commonly utilized in applications such as CNC machines, robotics, and high-speed packaging systems, where precise control and high current handling are essential. Its robust design and versatile features make it a reliable choice for enhancing automation processes.