

## HDS05.2-W300N

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hds052-w300n
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	22.68 kgs
<b>Voltage</b>	530 - 670 V
<b>Signal Type</b>	670
<b>Current</b>	300 A
<b>Product Type</b>	Drive
<b>Signal Level</b>	670 V
<b>Relay Specifications</b>	500 VAC

### Description

The Indramat HDS05.2-W300N is a high-performance drive controller designed for demanding industrial applications requiring precise motor control. Manufactured by Indramat, a leader in motion control technology, this model offers robust features tailored for complex automation systems. Key specifications include a rated current of 300 A, a voltage input range of 530–670 VDC, and a voltage output of 500 VAC. The controller utilizes a built-in internal air blower for efficient cooling, ensuring optimal performance under various operating conditions. It supports servo motors such as MKD, 2AD, 1MB, and MHD, making it versatile for different automation tasks. The HDS05.2-W300N operates within an ambient temperature range of 5°C to 45°C, with a maximum installation altitude of 1000 meters above sea level. Its modular design allows for integration with various control systems, enhancing its adaptability in diverse industrial settings. This drive controller is ideal for applications in machine tools, textile machinery, packaging machines, printing machines, robotics, and handling machines, where precise and reliable motor control is essential.