

## HDS03.1-W075N

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hds031-w075n
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Product Type</b>	HDS Drive Controller
<b>Controller Family</b>	DIAX04
<b>Rated Current</b>	75 A
<b>Cooling Method</b>	Built-in Internal Air Blower
<b>Communication Interface</b>	SERCOS
<b>Enclosure Rating</b>	IP10
<b>Installation Altitude</b>	Up to 1000 meters
<b>Weight</b>	11 kg
<b>Operating Temperature Range</b>	5 to 45 degrees Celsius

### Description

The Indramat HDS03.1-W075N is a high-performance drive controller engineered for precise motion control in industrial automation applications. Designed by Indramat, a leader in motion control technology, this controller is part of the HDS Drive Controllers series and belongs to the DIAX04 controller family. It delivers a rated current of 75 A, ensuring reliable operation in demanding environments. The controller utilizes a built-in internal air blower for efficient cooling, maintaining optimal performance during continuous operation. Communication is facilitated through the SERCOS interface, enabling seamless integration with compatible systems. The HDS03.1-W075N is housed in an IP10 enclosure, providing protection against solid foreign objects larger than 50 mm, and is suitable for installation at altitudes up to 1000 meters. With a weight of 11 kg, it offers a robust yet manageable solution for various industrial applications, including robotics, printing, textile, and packaging industries. This controller operates within a temperature range of 5 to 45 degrees Celsius, ensuring stable performance across a wide range of operating conditions.