

## HDS02.1-W040-N

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hds021-w040-n
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Product Type</b>	Servo Drive Controller
<b>Controller Family</b>	DIAX04
<b>Rated Current</b>	40 A Amperes
<b>Cooling Method</b>	Built-in Internal Air Blower
<b>Dimensions</b>	30.8 x 49.8 x 10 cm centimeters
<b>Weight</b>	3.12 kg kilograms
<b>Command Communication Interface</b>	Analog

### Description

The Indramat HDS02.1-W040N is a high-performance servo drive controller from the DIAX04 series, engineered for precise motion control in industrial automation applications. Designed to drive both rotary and linear motors, it offers versatile operational modes, including torque, position, velocity, and drive-interpolated position. The controller features a built-in internal air blower for efficient cooling, ensuring reliable performance in demanding environments. With a rated current of 40 A, it is suitable for applications requiring substantial power handling. The HDS02.1-W040N utilizes an analog command communication interface, facilitating seamless integration with various control systems. Its compact dimensions of 30.8 x 49.8 x 10 cm and weight of 3.12 kg make it adaptable to diverse installation configurations. Manufactured by Indramat, a leader in industrial automation technology, this controller exemplifies durability and precision, making it an ideal choice for enhancing operational efficiency in industrial settings.