

## KDW1.1-100-300-W1

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	kdw11-100-300-w1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	6.35 kgs
<b>Voltage</b>	220 V
<b>Product Type</b>	Drive
<b>Signal Type</b>	220
<b>Relay Specifications</b>	220 VAC
<b>Frequency</b>	50 - 60 Hz
<b>Signal Level</b>	220 V

### Description

The Indramat KDW1.1-100-300-W1 is a high-performance AC main spindle drive designed for demanding industrial automation applications. Manufactured by Indramat, a leader in motion control technology, this drive offers robust features to ensure precise and reliable operation. It delivers a nominal current of 100 A and operates with a DC bus voltage of 300 V, making it suitable for high-power spindle control. The drive is engineered for vertical mounting, optimizing space utilization in control cabinets. It features an integrated fan for efficient cooling, maintaining optimal performance during extended operations. The KDW1.1-100-300-W1 operates on a 220 V, 50-60 Hz power supply, ensuring compatibility with standard industrial power systems. Its compact dimensions—49 mm in length, 41 mm in width, and 12 mm in height—along with a weight of 15.5 kg, facilitate easy integration into existing setups. The drive supports analog speed command, allowing for precise spindle speed control, which is essential for applications requiring high accuracy. This drive is ideal for industries such as metal forming, machining, and packaging, where reliable and precise spindle control is critical. Its robust design and advanced features make it a valuable component in enhancing the efficiency and precision of industrial automation systems.