

## DKS01.1-W100A-D

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dks011-w100a-d
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	4.94 kgs
<b>Voltage</b>	230 V
<b>Frequency</b>	50 - 60 Hz
<b>Signal Level</b>	230 V
<b>Relay Specifications</b>	230 VAC
<b>Product Type</b>	Drive
<b>Signal Type</b>	230

### Description

The Indramat DKS01.1-W100A-D is a high-performance digital servo drive engineered for precise motion control in demanding industrial environments. Designed by Bosch Rexroth Indramat, this drive operates on a 3-phase 230 V AC input, delivering a rated current of 100 A. It features a robust power requirement of 11 kVA and utilizes a 4 kHz PWM frequency for efficient operation. The internal DC bus voltage is 300 V, ensuring stable performance. The drive incorporates integral safety features, including an integral holding brake and dynamic braking for rapid, controlled stops. It also includes a power shut-off protection system to safeguard against faults. Programmable error reaction to system faults allows for customized responses, enhancing system reliability. The DKS01.1-W100A-D is housed in an IP10 protection class enclosure, suitable for installation at elevations up to 1000 meters without derating. It operates within an ambient temperature range of +5 to +45 °C, with storage temperatures between -30 to +85 °C. The drive's cooling method is heat dissipation, and it has a noise emission classification of standard. With a weight of approximately 11 kg, the DKS01.1-W100A-D is a versatile and reliable solution for industrial automation applications.