

## DDS02.1-W050-D

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dds021-w050-d
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	8.62 kgs
<b>Signal Level</b>	300 V
<b>Voltage</b>	300 V
<b>Product Type</b>	Drive
<b>Signal Type</b>	300

### Description

The Indramat DDS02.1-W050-D is a digital AC servo drive controller designed for precise motion control in industrial automation applications. Operating with a nominal DC bus voltage of 300 V, it delivers a rated continuous output current of 40 A and a peak output current of 50 A. The controller utilizes digital servo feedback for accurate motor control and features internal air cooling for efficient heat management. With a protection rating of IP20, it is suitable for installation in control cabinets or closed housings. The device operates within an ambient temperature range of 0°C to 45°C and can withstand relative humidity levels up to 95%. Its compact design, weighing approximately 7.5 kg, makes it ideal for applications requiring high precision and reliability, such as material handling, packaging, and robotics.