

## DDS3.1-W050-D

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dds31-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>	6.21 kgs
<b>Voltage</b>	300 V
<b>Product Type</b>	Drive
<b>Signal Level</b>	300 V
<b>Signal Type</b>	300

### Description

The Indramat DDS03.1-W050-D is a digital AC servo drive controller designed for precise motor control in industrial automation applications. Manufactured by Indramat, a renowned brand in motion control technology, this model is part of the DDS series and is compatible with MDD, LAR, and MKD series AC motors. It operates with a DC bus voltage of 300 VDC ( $\pm 15\%$ ) and features a rated current of 50A, ensuring reliable performance in demanding environments. The controller utilizes digital servo feedback for accurate motor control and employs internal air cooling, circulating air within the control cabinet to maintain optimal operating temperatures. With a maximum ambient temperature rating of 55°C, the DDS03.1-W050-D is suitable for various industrial settings. Its modular design allows for easy integration and maintenance, making it a valuable component in automation systems requiring precise and efficient motor control.