

DDS2.1-W150-D

Industrial automation components

Manufacturer	Indramat
Catalog number	dds21-w150-d
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.97 kgs
Voltage	300 V
Product Type	Drive
Signal Type	300
Signal Level	300 V

Description

The Indramat DDS2.1-W150-D is a digital AC servo control drive unit from Indramat's DDS series, designed for precise control of synchronous and asynchronous motors in industrial applications. This drive controller is particularly suitable for use with MKD, MDD, and LAR AC motors, enabling rapid-response drive functionality. It features a modular design, allowing for integration with various function modules to meet specific application requirements. The DDS2.1-W150-D operates with a rated current of 150 A and utilizes digital servo motor feedback for high-precision position tracking. The unit employs internal cooling, requiring installation within a control cabinet to ensure optimal performance. It is rated for operation in ambient temperatures up to 45°C, with the possibility of operation up to 55°C with de-rating. The drive controller is rated for installations up to 1000 meters above sea level and can operate in environments with relative humidity up to 95%. The DDS2.1-W150-D is suitable for applications in robotics, machine tools, textile, printing, packaging machinery, and automotive and material handling machines.