

DDS02.2-W100-B

Industrial automation components

Manufacturer	Indramat
Catalog number	dds022-w100-b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.07 kgs
Voltage	300 V
Signal Type	300
Product Type	Drive
Signal Level	300 V

Description

The Indramat DDS02.2-W100-B is a digital AC servo drive controller designed for precise motion control in industrial automation applications. Operating with a rated current of 100 A and a DC bus voltage of 300 V \pm 15%, this drive ensures reliable performance in demanding environments. It features internal air cooling suitable for installation within control cabinets, optimizing space and enhancing system efficiency. The controller supports both digital servo and resolver feedback mechanisms, providing flexibility in motor integration. With a maximum ambient temperature of 45°C and a maximum installation elevation of 1000 meters, the DDS02.2-W100-B is engineered to perform reliably in various industrial settings. Its IP20 protection rating offers basic protection against solid objects, making it suitable for controlled environments. This drive is ideal for applications requiring precise and efficient motion control, such as in machine tools, robotics, and material handling systems.