

HMD01.1N-W0020-A-07-NNNN

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	hmd011n-w0020-a-07-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.96 kgs
Current	24.5 A
Product Type	Drive
Voltage	750 V
Signal Type	750
Signal Level	750 V
Relay Specifications	530 VAC

Description

The Bosch Rexroth HMD01.1N-W0020-A-07-NNNN is a double-axis inverter drive from the IndraDrive M series, engineered for precise control in dual-axis applications. Operating with a nominal DC bus voltage of 700 V and capable of delivering an effective peak current of 20 A, it efficiently drives two motors simultaneously. The integrated internal air cooling system, featuring an internal blower, ensures optimal thermal management within an operating temperature range of 0 to 40 degrees Celsius. Designed with an IP 20 protection rating, this controller is suitable for environments where dust and solid objects are minimal. Its compact design facilitates easy cabinet mounting, making it ideal for integration into existing racks and control cabinets. The HMD01.1N-W0020-A-07-NNNN seamlessly integrates with IndraDrive M and C systems, offering scalability and flexibility for various industrial automation tasks. This inverter is particularly well-suited for applications requiring precise torque and speed synchronization across dual axes, such as packaging, handling, and multi-axis coordination in modern manufacturing environments.