

HMD01.1N-W0036-A-07-NNNN

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	hmd011n-w0036-a-07-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.76 kgs
Current	36 A
Signal Level	700 V
Voltage	700 V
Product Type	Drive
Signal Type	700

Description

The Bosch Rexroth HMD01.1N-W0036-A-07-NNNN is a double-axis drive controller from the IndraDrive M series, designed for precise control of industrial AC motors in applications such as robotics, CNC machinery, and automated production lines. This model operates with a nominal DC bus voltage of 700 V and supports a peak current of 36 A, ensuring reliable performance in demanding environments. The controller features internal air cooling via an integrated blower, maintaining optimal operating temperatures up to 45°C. With an IP20 protection rating, it is suitable for installation in controlled environments. The device measures approximately 75 mm in width and weighs 7.5 kg, facilitating efficient integration into existing systems. Key specifications include a continuous output current of 20 A, a switching frequency of 0.5 Hz, and a load time constant of 50 ms, making it ideal for applications requiring coordinated dual-motor control with robust industrial reliability.