

HMS02.1N-W0054-A-07-NNNN

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	hms021n-w0054-a-07-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.51 kgs
Voltage	DC
Product Type	Drive
Rated Maximum Current	54 A
Cooling Method	Internal Air with Integrated Blower
Protection Class	IP20
Dimensions	352 x 205 x 75 mm
Weight	5.0 kg

Description

The Bosch Rexroth HMS02.1N-W0054-A-07-NNNN is a single-axis inverter drive designed for precise motion control in industrial automation systems. Part of the IndraDrive M series, this model offers robust performance and seamless integration into various applications. Key features include a nominal DC bus voltage of 700 V, a rated maximum current of 54 A, and an internal air cooling system with an integrated blower. The unit operates within an ambient temperature range of 0 to 40°C and is housed in an IP20 protection class enclosure, ensuring durability and reliability in demanding environments. Its compact dimensions (352 x 205 x 75 mm) and lightweight design (5.0 kg) facilitate easy installation and maintenance. The HMS02.1N-W0054-A-07-NNNN is ideal for applications requiring high-performance motion control, such as conveyor systems, robotics, and automated manufacturing processes.