

HDS04.2-W200N-HS12-01-FW

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	hds042-w200n-hs12-01-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	19.05 kgs
Product Type	Drive
Signal Type	670
Voltage	530 - 670 V
Current	200 A
Signal Level	670 V
Relay Specifications	500 VAC

Description

The Bosch Rexroth HDS04.2-W200N-HS12-01-FW is a high-performance servo drive controller designed for demanding industrial automation applications. Part of the HDS series, this controller offers precise control and reliability for complex machinery. It features a rated current of 200 A and supports SERCOS communication, ensuring seamless integration into advanced automation systems. The built-in internal air blower provides efficient cooling, maintaining optimal performance during continuous operation. With a continuous current capacity of 120 A at 4 kHz and 80 A at 8 kHz, it delivers consistent power output. The controller operates within a temperature range of -30°C to +85°C during storage and transport, and up to 45°C during operation, making it suitable for various industrial environments. Its compact dimensions (160 mm height, 310 mm length, and 550 mm width) and weight of approximately 18.86 kg facilitate easy integration into existing systems. The HDS04.2-W200N-HS12-01-FW is ideal for applications requiring high precision and reliability, such as robotics, CNC machinery, and other automated systems.