

HVE04.2-W075N

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	hve042-w075n
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	28.00 kgs
Current	120 A
Horsepower	75 KW
Cooling Capacity	75 kW
Refrigerant	r911190002
Product Type	Drive
Signal Type	670
Signal Level	670 V
Voltage	530 - 670 V
Power	75 kW
Frequency	50 - 60 Hz

Description

The Bosch Rexroth HVE04.2-W075N is a high-performance power supply unit engineered to provide stable DC bus voltage for industrial automation systems. Designed for seamless integration with Bosch Rexroth Indramat servo drives, this unit ensures reliable power distribution across multi-axis systems. With a rated power of 75 kW and a continuous DC bus power rating of 90 kW, it effectively supports demanding applications in packaging machinery, material handling systems, and automated assembly lines. The unit operates within a nominal voltage range of 380 to 480 V AC and a frequency range of 50 to 60 Hz, accommodating various industrial power standards. Its internal air cooling system, featuring a built-in blower, maintains optimal operating temperatures, while the robust IP10 enclosure protects internal components from dust and debris. The HVE04.2-W075N also offers regenerative braking capabilities, returning up to 100 kW of energy to the bus, enhancing overall system efficiency. Additionally, the front-mounted HI diagnostic display provides real-time feedback on operating status, fault codes, and energy flow, streamlining commissioning and maintenance processes. This power supply unit is ideal for applications requiring consistent performance and energy savings, ensuring high reliability and reduced downtime in demanding production environments.