

HCS02.1E-W0028-A-03-NNNN

Industrial automation components

Manufacturer	Bosch Rexroth
Catalog number	hcs021e-w0028-a-03-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.63 kgs
Signal Type	500
Signal Level	500 V
Voltage	200 - 500 V
Current	13 A
Frequency	50 - 60 Hz
Product Type	Module
Relay Specifications	500 VAC

Description

The Bosch Rexroth HCS02.1E-W0028-A-03-NNNN is a compact single-axis converter from the IndraDrive C series, designed for precise and efficient control in one-axis applications. Operating within a power range of 1.5 to 11 kW, it supports a mains voltage of 3-phase AC 200–500 V $\pm 10\%$, accommodating a peak current of up to 28 A. The unit features an integrated control unit slot with multiple interfaces, facilitating seamless integration into various automation environments and connection to encoder systems, safety technology, and other digital and analog signals. Its compact design, with dimensions of 65 x 352 x 265 mm, makes it ideal for space-constrained installations. The device is air-cooled via an integrated blower and has an IP20 protection rating, ensuring reliable operation in industrial settings. This converter is suitable for applications requiring precise motion control and efficient energy management.