

## HCS01.1E-W0009-A-02-B-ET-EC-NN-L4-NN-FW

Industrial automation components

<b>Manufacturer</b>	Bosch Rexroth
<b>Catalog number</b>	hcs011e-w0009-a-02-b-et-ec-nn-l4-nn-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Communication Interface</b>	MultiEthernet
<b>Encoder Interface</b>	IndraDyn Hiperface/EnDat 2.1/2.2
<b>Cooling Method</b>	Air, internal (through integrated blower)
<b>IP Rating</b>	IP20
<b>Manufacturer</b>	Bosch Rexroth
<b>Part Number</b>	HCS01.1E-W0009-A-02-B-ET-EC-NN-L4-NN-FW
<b>Category</b>	Podzespoły automatyki przemysłowej

### Description

The Bosch Rexroth HCS01.1E-W0009-A-02-B-ET-EC-NN-L4-NN-FW is a high-performance drive controller from the IndraDrive series, designed for precise motion control in industrial automation applications. This compact controller operates with a three-phase AC supply of 110–230 V  $\pm 10\%$  and supports a peak current of 9 A, making it suitable for demanding tasks requiring reliable performance. It features a MultiEthernet communication interface, enabling flexible integration into various industrial networks. The controller is equipped with dual encoder interfaces compatible with IndraDyn Hiperface and EnDat 2.1/2.2 encoders, ensuring accurate feedback for motion control. Safety functions include Safe Torque Off (STO) and Safe Brake Control (SBC), enhancing operational safety. The device is housed in an IP20-rated enclosure, providing protection against solid objects, and utilizes internal air cooling through an integrated blower to maintain optimal operating temperatures. Firmware for this model must be ordered separately, allowing for customization to meet specific application requirements. This drive controller is ideal for applications in robotics, material handling, and other automation systems where precise and reliable motion control is essential.