HCS011E-W0013-A-02-B-ET-EC-EC-L3-NN-FW

Industrial automation components

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Manufacturer	Bosch Rexroth
Catalog number	hcs011e-w0013-a-02-b-et-ec-ec-l3-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Bosch Rexroth
Part Number	HCS01.1E-W0013-A-02-B-ET-EC-EC-L3-NN-FW
Product Type	Compact Drive Controller
Mains Voltage	3 x AC 110–230 V ±10%
Device Peak Current	13 A
Communication Interface	MultiEthernet
Encoder Interface	IndraDyn, Hiperface, EnDat 2.1/2.2
IP Rating	IP20
Cooling Method	Air, internal (through integrated blower)

Description

The Bosch Rexroth HCS01.1E-W0013-A-02-B-ET-EC-EC-L3-NN-FW is a compact drive controller from the IndraDrive Cs series, designed for precise motion control in industrial automation applications. This model operates with a three-phase AC input of 110–230 V ±10% and delivers a peak current of 13 A, making it suitable for tasks requiring high dynamic performance. It features a MultiEthernet communication interface, supporting protocols such as SERCOS III, PROFINET IO, EtherNet/IP, and EtherCAT, ensuring versatile connectivity within automation systems. The controller includes a Multi-encoder interface compatible with IndraDyn, Hiperface, and EnDat 2.1/2.2 encoders, facilitating integration with various motor and feedback systems. Safety is addressed with the Safe Torque Off (STO) function, enhancing operational safety by preventing unintended motion. The device is housed in an IP20-rated enclosure with internal air cooling via an integrated blower, suitable for installation

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in control cabinets. This compact design is ideal for applications in packaging, printing, machine tools, and semiconductor handling, where space efficiency and reliable performance are critical.

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