

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

BOSCH REXROTH

Bosch Rexroth CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW IndraDrive Control Module

The Bosch Rexroth CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW is an IndraDrive control module designed for advanced industrial automation applications. It provides precise control and synchronization of motion axes, enhancing the performance of automated machinery. This module supports various communication interfaces for seamless integration with other system components. It is ideal for demanding applications requiring high accuracy and reliability.



MODEL

**Bosch Rexroth
CSH01.3C-CO-
EN2-NNN-CCD-
NN-S-NN-FW**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**CSH01.3C-CO-
EN2-NNN-CCD-
NN-S-NN-FW**

LISTING

<https://aumictechlabs.com/products/csh01-3c-co-en2-nnn-ccd-nn-s-nn-fw-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Bosch Rexroth CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW is a configurable IndraDrive control module for multi-axis motion control in industrial automation. This control section provides command and synchronization logic for servo-driven machinery, supporting CANopen and DeviceNet communication protocols. The module integrates encoder feedback evaluation, digital and analog I/O, and cross-communication drive capability. A compatible power section must be paired with this control module to form a complete operational drive controller. Technical

Specifications Product Line: IndraDrive Control Module Model Series: CSH01.3C Master Communication: CANopen / DeviceNet Encoder Interfaces: EnDat 2.1, 1Vpp, TTL, resolver, and Rexroth HSF encoder evaluation Encoder Supply Voltage: DC 8V or AC 18.2V peak-peak Standard Features: Cross Communication Drive (CCD) option included; no safety-rated functionality in this configuration Firmware: MPC-07V26-D5-1-NNN-ML or MPC-07V24-D5-1-NNN-ML (alternate versions available) Design: 3C compact form factor Key Features Onboard digital input/output channels for signal conditioning and control logic Analog input interface for sensor integration Support for multiple encoder types - standard industrial feedback systems and Rexroth proprietary HSF encoder interface for MHD motors Configurable parameter sets for single and multi-axis applications Supports Ethernet-based communication with multi-protocol capability Typical Applications CNC machines and machining centers Industrial robots and automated assembly systems Packaging and printing machinery Automated material handling and multi-axis motion control Precision testing equipment Machining tool systems Compatibility & Integration This control section pairs with Rexroth servo motors and requires a matching power section for operation. Integration with external systems occurs via CANopen or DeviceNet protocols. Accessories - including fiber optic cables, signal converters, and universal adapters - must be sourced from Bosch Rexroth to ensure system compatibility.

CSH013CCOEN2NNNCCDNNSNNFW Characteristics / Specifications

PARAMETER	VALUE
Model	CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW
Instrument Type	IndraDrive compact control section
Family	Bosch Rexroth IndraDrive CSH01.3 / Cs
Control Type	CSH01.3C compact
Master Comm	CANopen (CO)
Encoder	EN2 encoder interface 2
Unused Module Slot	NNN unused
Cross Comm	CCD cross communication
Design	S standard
Firmware	FW factory firmware
Mounting	plugs onto IndraDrive power section lo: digital and analog I/O on CSH01.3
Encoder Eval	encoder evaluation on EN2
Networks	CANopen; other CSH01.3 rows use SERCOS or MultiEthernet
Axes	IndraDrive Cs compact servo / converter axes
Manufacturer	Bosch Rexroth
Literature	Bosch Rexroth IndraDrive CSH01.3C configurator and CSH01.3 control-section family
Sibling	CSH01.3C MultiEthernet and SERCOS communication codes
Use	servo axis control in IndraDrive Cs
Form Factor	control section, notastandalone PLC
Safety	standardSdesign (safety variants use other design letters)
Queue Title	Bosch Rexroth CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW IndraDrive Control Module
Brand	Bosch Rexroth IndraDrive

CSH013CCOEN2NNNCCDNNSNNFW Specifications

PARAMETER	VALUE
Bosch Rexroth CSH01.3C IndraDrive Control Section	Overview
Applications	IndraDrive Cs axis control with CANopen, encoder 2, and CCD cross communication.
Key Features	CSH01.3C compact IndraDrive control section
CANopen master communication (CO)	EN2 encoder interface
CCD cross communication	Factory firmware FW suffix
Technical Specifications	Model: CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW
Instrument Type	IndraDrive compact control section
Family	Bosch Rexroth IndraDrive CSH01.3 / Cs
Control Type	CSH01.3C compact
Master Comm	CANopen (C0)
Encoder	EN2 encoder interface 2
Unused Module Slot	NNN unused
Cross Comm	CCD cross communication
Design	S standard
Firmware	FW factory firmware
Mounting	plugs onto IndraDrive power section
Io	digital and analog I/O on CSH01.3
Encoder Eval	encoder evaluation on EN2
Networks	CANopen; other CSH01.3 rows use SERCOS or MultiEthernet
Axes	IndraDrive Cs compact servo / converter axes
Manufacturer	Bosch Rexroth
Literature	Bosch Rexroth IndraDrive CSH01.3C configurator and CSH01.3 control-section family
Sibling	CSH01.3C MultiEthernet and SERCOS communication codes
Use	servo axis control in IndraDrive Cs
Form Factor	control section, notastandalone PLC
Safety	standardSdesign (safety variants use other design letters)
Queue Title	Bosch Rexroth CSH01.3C-CO-EN2-NNN-CCD-NN-S-NN-FW IndraDrive Control Module
Brand	Bosch Rexroth IndraDrive

Notes

From Bosch Rexroth IndraDrive CSH01.3C configurator decode (C0, EN2, CCD, S, FW). Power-section current and mains voltage belong on the paired HMS/HCS power section, not this control module.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.