

## CSH01.3C-PB-ENS-NN-CCD-S2-S-NN-FW

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	csH013c-pb-ens-NN-ccd-s2-s-NN-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Analog Outputs</b>	2 outputs
<b>Master Communication</b>	PROFIBUS protocol
<b>Primary Encoder Option</b>	IndraDyn/Hiperface/1 Vpp/TTL encoder type
<b>Control Panel</b>	Single-line display with four operating keys panel type
<b>Primary Encoder Option</b>	IndraDyn/Hiperface/1 Vpp/TTL interface
<b>Control Panel</b>	Single-line display with four operating keys panel

### Description

The Indramat CSH01.3C-PB-ENS-NN-CCD-S2-S-NN-FW is a high-performance control section module designed for integration with IndraDrive drive controllers in industrial automation systems. This module features a PROFIBUS master communication interface, enabling seamless integration into existing automation networks. It supports primary encoder options including IndraDyn, Hiperface, 1 Vpp, and TTL, providing flexibility in encoder selection. The unit is equipped with two analog outputs for precise control signal transmission. A single-line display with four operating keys facilitates easy parameter setting, error diagnosis, and position reference establishment. The device incorporates a Safe Motion module, ensuring compliance with safety standards and enhancing operational safety. Designed for durability, it utilizes spring and screw terminals to ensure secure, vibration-resistant electrical connections. The CSH01.3C-PB-ENS-NN-CCD-S2-S-NN-FW meets the IEC 61800-5-3 category C3 standards, ensuring reliable performance in demanding industrial environments.