

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

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	csH013c-et-ens-NNN-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>Weight</b>	2.27 kgs
<b>Analog Outputs</b>	2
<b>Master Communication</b>	MultiEthernet
<b>Primary Encoder Option</b>	Indradyn/Hiperface/1 Vpp/TTL
<b>Connection Type</b>	Spring and screw terminal blocks
<b>Operating Temperature Range</b>	0 to +45°C
<b>Compliance Standard</b>	IEC 61800-3 category C3

### Description

The Indramat CSH01.3C-ET-ENS-NNN-CCD-S2-S-NN-FW is a high-performance control unit from Bosch Rexroth's IndraDrive CSH Advanced Controllers series, engineered for precise motion control in industrial automation applications. This model features MultiEthernet master communication, enabling seamless integration into various network configurations. It offers two analog outputs for flexible actuator control and supports primary encoder options including Indradyn, Hiperface, 1 Vpp, and TTL, ensuring compatibility with a wide range of feedback devices. The control section is designed with spring and screw terminal blocks, providing secure and vibration-resistant connections. It operates within an ambient temperature range of 0 to +45°C and complies with IEC 61800-3 category C3 standards, ensuring reliable performance in demanding environments. The CSH01.3C-ET-ENS-NNN-CCD-S2-S-NN-FW is ideal for applications requiring precise position and speed control, such as handling systems, packaging lines, and printing machinery.