

## CSH01.1C-ET-EN1-NNN-NNN-L2-S-WW-FW

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	csH011c-et-en1-NNN-NNN-l2-s-ww-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 channels
<b>Master Communication</b>	MultiEthernet protocols
<b>Primary Encoder Option</b>	IndraDyn/Hiperface/1 Vpp/TTL interface
<b>Cycle Time (Current Control)</b>	62.5 ms
<b>Cycle Time (Velocity Control)</b>	125 ms
<b>Inrush Current</b>	4 A
<b>Power Consumption</b>	7.5 kW

### Description

The Indramat CSH01.1C-ET-EN1-NNN-NNN-L2-S-WW-FW is a high-performance single-axis control section from the CSH Advanced Controllers series by Indramat. Designed for precise motion control in industrial automation, this module features MultiEthernet master communication, supporting protocols such as SERCOS III, ProfiNet, and EtherCAT. It offers two analog outputs for accurate signal transmission and supports primary encoder options including IndraDyn, Hiperface, 1 Vpp, and TTL formats. The unit is equipped with a Safe Torque Off (STO) module rated SIL 3/cat 3 PL e, ensuring enhanced safety in demanding environments. With a cycle time of 62.5 ms for current control and 125 ms for velocity control, it delivers rapid response and high precision. The controller operates with a typical inrush current of 4 A and a power consumption of 7.5 kW, making it suitable for applications requiring reliable and efficient motion control.