

CSH01.1C-SE-ENS-NNN-NNN-S2-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	csH011c-se-ens-NNN-NNN-S2-S-NN-FW
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.23 kgs
Analog Outputs	2
Master Communication	SERCOS Interface
Primary Encoder Option	IndraDyn/Hiperface/1 Vpp/TTL
Power Consumption	7.5 W
Dimensions	103 x 49.5 x 241 mm
Safety Compliance	SIL2/Category 3, PL d Safe Motion

Description

The Indramat CSH01.1C-SE-ENS-NNN-NNN-S2-S-NN-FW is a high-performance single-axis control unit from the CSH Advanced Controllers series, designed for precise motion control in industrial automation applications. This module features two analog outputs and utilizes the SERCOS Interface for master communication, ensuring deterministic real-time data exchange. It supports a primary encoder option of IndraDyn/Hiperface/1 Vpp/TTL, providing high-resolution feedback for accurate position monitoring. The unit operates on a 24V DC power supply and consumes 7.5 W of power, making it suitable for integration into modular IndraDrive systems. With a compact design measuring 103 x 49.5 x 241 mm and weighing 2.5 kg, it is optimized for panel mounting and natural convection cooling, eliminating the need for fans. The CSH01.1C-SE-ENS-NNN-NNN-S2-S-NN-FW is certified to ISO 9001:2008, ensuring reliable operation in demanding industrial environments. Its built-in safety compliance with SIL2/Category 3, PL d Safe Motion functionality makes it suitable for applications requiring risk reduction. Firmware is supplied separately, allowing for tailored feature sets and future updates. This controller is ideal for applications in printing, packaging, food processing, and material handling, where precise motion control and safety are paramount.