

CSH01.1C-SE-ENS-EN2-NNN-L1-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	csH011c-se-ens-en2-nnn-l1-s-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Single-Axis Control Unit
Communication Interface	SERCOS II
Encoder Interface	IndraDyn/Hiperface, EnDat 2.1
Analog Outputs	2
Dimensions	103×241×49.5 mm

Description

The Indramat CSH01.1C-SE-ENS-EN2-NNN-L1-S-NN-FW is a single-axis control unit from the CSH Advanced Controllers series, designed for precise motion control in industrial automation applications. This controller utilizes the SERCOS II communication interface for real-time data exchange, ensuring deterministic performance. It supports multiple encoder interfaces, including IndraDyn/Hiperface and EnDat 2.1, providing high-resolution feedback for accurate position monitoring. The unit features two analog outputs, enabling precise control of auxiliary devices or process variables. With a compact design measuring 103×241×49.5 mm, it operates reliably in ambient temperatures ranging from 0 to +40°C. The controller is equipped with separate ports for digital and analog input/output devices, facilitating flexible integration into various automation systems. Additionally, it includes a standard control panel and offers firmware that can be ordered separately to tailor the unit to specific application requirements. This controller is suitable for applications requiring high-performance motion control and safety features, such as machine tools, robotics, and material handling systems.