

CSH01.1C-PB-ENS-NNN-NNN-S1-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	csH011c-pb-ens-NNN-NNN-S1-S-NN-FW
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Digital Control Section
Communication Interface	PROFIBUS
Encoder Compatibility	IndraDyn, Hiperface, 1 Vpp, TTL
Analog Outputs	2
Mounting Type	Vertical

Description

The Indramat CSH01.1C-PB-ENS-NNN-NNN-S1-S-NN-FW is a digital control section designed for integration within the IndraDrive system, offering precise motion control solutions for industrial applications. This module features a PROFIBUS master communication interface, ensuring seamless integration into existing control networks. It supports a primary encoder option compatible with IndraDyn, Hiperface, 1 Vpp, and TTL standards, providing flexibility in encoder selection. The unit is equipped with two analog outputs, facilitating real-time monitoring and control. Designed for vertical mounting, it optimizes space utilization within control cabinets. The CSH01.1C-PB-ENS-NNN-NNN-S1-S-NN-FW operates on a 24 V DC supply, consuming 7.5 Watts in the control section, with additional power required for installed modules. It includes four module slots—three for functional modules and one dedicated to safety functions—allowing for future expansion and customization. The device is pre-installed with two functional IndraDyn encoder modules and one safety technology I/O unit, ensuring immediate readiness for deployment. Firmware is ordered separately, and a type plate affixed to the housing carries the unit's type code, firmware code, and serial number for clear identification. This controller is ideal for applications in automotive, packaging, and materials handling, where precision and reliability are paramount.