

CSH01.1C-SE-ENS-EN2-NNN-S1-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	csH011c-se-ens-en2-nnn-s1-s-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.45 kgs
Voltage	5 V
Manufacturer	Bosch
Signal Level	5 V
Product Type	Single-Axis Control Section
Part Number	CSH01.1C-SE-ENS-EN2-NNN-S1-S-NN-FW
Control Communication	SERCOS Interface
Encoder Options	IndraDyn/Hiperface/1 Vpp/TTL, EnDat 2.1/1 Vpp/TTL
Analog Outputs	2
Position Control Cycle Times	250 μ s, 500 μ s
Relay Contact	1
Ambient Temperature Range	0 to 40°C
Enclosure Rating	IP20

Description

The Indramat CSH01.1C-SE-ENS-EN2-NNN-S1-S-NN-FW is a single-axis control section from the CSH Advanced Controllers series, designed for precise motion control in industrial automation applications. This unit features a SERCOS Interface for master communication, ensuring high-speed data exchange. It supports multiple encoder options, including IndraDyn/Hiperface/1 Vpp/TTL and EnDat 2.1/1 Vpp/TTL, providing flexibility for various system configurations. The controller offers two analog outputs for monitoring and control purposes. With position-control cycle times of 250 μ s and 500 μ s, it delivers rapid response for dynamic applications. The unit includes one relay contact for system integration and operates within an ambient temperature range of 0 to 40°C. It is housed in an IP20 enclosure, suitable for standard industrial environments. The CSH01.1C-SE-ENS-EN2-NNN-S1-S-NN-FW is ideal for applications such as machine tools, paper processing, and printing machinery, where precise motion control and reliable performance are critical.