

CSH01.1C-PB-EN1-NNN-NNN-NN-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	csH011c-pb-en1-NNN-NNN-NN-S-NN-FW
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Control Panel	Standard control panel
Firmware	Must be ordered separately
Master Communication	PROFIBUS
Encoder Option 1	EnDat 2.1
Encoder Option 2	1Vpp
Encoder Option 3	TTL
Maximum Pulse Width	100 ms
Typical Inrush Current	4 A
Power Consumption	7.5 W

Description

The Indramat CSH01.1C-PB-EN1-NNN-NNN-NN-S-NN-FW is a single-axis control unit from the CSH Advanced Controllers series, designed for precise motion control in industrial automation systems. It features a PROFIBUS master communication interface, ensuring reliable integration with higher-level PLCs. The unit supports encoder options including EnDat 2.1, 1Vpp, and TTL on X4 and X8 ports, providing flexibility in encoder selection. With a maximum pulse width of 100 ms and a typical inrush current of 4 A, it delivers robust performance for demanding applications. The control unit operates with a nominal power consumption of 7.5 W, making it energy-efficient. Firmware must be ordered separately to tailor the unit to specific application requirements. The standard control panel interface facilitates easy configuration and monitoring. This model excludes safety technology (X41), streamlining setups for non-safety-critical applications. Its compact design and efficient operation make it suitable for a wide range of industrial automation tasks.