

CSH01.1C-ET-ENS-EN2-NNN-S2-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	csH011c-et-ens-en2-nnn-s2-s-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Single-axis Advanced Control Unit
Brand	Indramat
Part Number	CSH01.1C-ET-ENS-EN2-NNN-S2-S-NN-FW
Dimensions	49.5 mm x 103 mm x 241 mm
Analog Outputs	2
Master Communication	MultiEthernet
Primary Encoder Option	Indradyn/Hiperface/1 Vpp/TTL
Inrush Current	Approximately 4 A
Power Consumption	Approximately 7.5 W
Operational Efficiency	Up to 95%
Cooling Method	Ambient air cooling

Description

The Indramat CSH01.1C-ET-ENS-EN2-NNN-S2-S-NN-FW is a single-axis advanced control unit from the CSH Advanced Controllers series, designed for precise motion control in industrial automation applications. This compact unit measures 49.5 mm in width, 103 mm in depth, and 241 mm in height, making it suitable for installations with limited space. It features two analog outputs and supports MultiEthernet master communication, ensuring versatile connectivity. The primary encoder options include Indradyn, Hiperface, 1 Vpp, and TTL, providing flexibility for various applications. The control interface is compatible with Hiperface and EnDat protocols, facilitating seamless integration into existing systems. The unit operates with an inrush current of approximately 4 A and a power consumption of around 7.5 W, delivering up to 95% efficiency under typical conditions. Designed for reliable performance in continuous-operation environments, it utilizes ambient air cooling and requires a stable current and voltage input. Installation and operation should be conducted by qualified personnel according to the documentation, with heat sources avoided during installation to ensure optimal operation. This controller is ideal for applications requiring precise motion control and advanced safety features.