

CSB01.1N-SE-ENS-NNN-NN-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	csb011n-se-ens-nnn-nn-s-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.40 kgs
Refrigerant	r911305276
Product Type	Drive
Axes Supported	Single-Axis
Control Supply Voltage	DC 24 V
Current Control Cycle Time	125 μ s
Encoder Evaluation Interface	ENS
Encoder Supply Current	300 mA
Encoder Supply Voltage	DC 11.6 V
Inrush Current	5 A
Master Communication	SERCOS
Max Inrush Pulse Width	40 ms
Max SERCOS Baud Rate	16 MBaud
Min SERCOS Cycle Time	1000 μ s
Power Consumption	15.5 W

Description

The Indramat CSB01.1N-SE-ENS-NNN-NN-S-NN-FW is a single-axis drive controller from the CSB series, designed for precise motion control in industrial automation systems. It features a SERCOS interface for master communication and supports encoders such as IndraDyn, Hiperface, 1 Vpp, and TTL. The controller operates with a DC 24 V control supply voltage and offers a current control cycle time of 125 μ s. It includes a standard control panel and does not have a factory-installed safety option. This model is suitable for applications requiring high-performance motion control with flexible encoder compatibility.