

## CSB01.1C-ET-ENS-EN1-NN-S-NN-FW

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	csb011c-et-ens-en1-nn-s-nn-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Product Type</b>	Single-Axis Drive Controller
<b>Brand</b>	Indramat
<b>Part Number</b>	CSB01.1C-ET-ENS-EN1-NN-S-NN-FW
<b>Control Voltage</b>	24V DC V
<b>Inrush Current</b>	4A to 5A
<b>Maximum Pulse Width</b>	110ms
<b>Encoder Supply Voltage</b>	12V DC, 8V DC, or 18.2V AC peak-peak V
<b>Encoder Options</b>	IndraDyn/Hiperface/1Vpp/TTL, HSF/RSF
<b>Master Communication</b>	Undefined
<b>Category</b>	Industrial Automation Components

### Description

The Indramat CSB01.1C-ET-ENS-EN1-NN-S-NN-FW is a compact single-axis drive controller from the CSB series, engineered for seamless integration within the IndraDrive ecosystem. Designed with a robust power section and a modular control section, it delivers precise motion control across diverse automation platforms. The controller's Design 1 CSH01 architecture ensures compatibility with a wide range of Rexroth servo motors and feedback devices. Key features include configurable parameters to adapt to specific machine requirements, an undefined master communication interface for versatile network integration, and dual encoder inputs supporting IndraDyn/Hiperface/1Vpp/TTL and HSF/RSF encoders. It operates with a 24V DC control voltage and withstands inrush currents between 4A and 5A with a maximum pulse width of 110ms. Classified under category C3 of IEC 61800-3, it meets industrial EMI standards for high-frequency environments. Engineered for high-precision applications, the CSB01.1C module integrates effortlessly with IndraDyn S motor feedback and IndraDrive inverter systems to deliver synchronized multi-axis motion. Its modular interface design and rugged build provide reliable operation under continuous duty, minimizing maintenance and downtime.