

CDB01.1C-SE-ENS-ENS-NNN-NNN-NN-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	cdb011c-se-ens-ens-nnn-nnn-nn-s-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.07 kgs
Product Type	Dual-Axis Drive Controller
Control Communication	SERCOS II
Encoder Interface	IndraDyn/Hiperface/1 Vpp/TTL
Supply Voltage	24 V DC
Power Consumption	9 W
Analog Outputs	2
Analog Input Range	±10 V
Digital Inputs	18
Digital Outputs	4
Relay Contact Type	Type 2
Engineering Interface	RS232

Description

The Indramat CDB01.1C-SE-ENS-ENS-NNN-NNN-NN-S-NN-FW is a versatile dual-axis drive controller from the CDB series, engineered for precise motion control in industrial automation applications. Designed for integration into systems such as packaging, printing, and material handling, this controller offers robust performance and flexibility. Key features include a SERCOS II interface for master communication, supporting both IndraDyn and Hiperface encoders with 1 Vpp and TTL signals. The controller operates on a 24 V DC supply, consuming a maximum of 9 W, and provides two analog outputs at 5 V with 1 mA current, along with one analog input with a ± 10 V range and 160 k Ω impedance. Digital inputs and outputs are available, with 18 digital inputs and 4 digital outputs, each handling up to 0.5 A at 24 V DC. The device also includes a Type 2 relay contact and an RS232 engineering interface for configuration and diagnostics. With its compact design and comprehensive feature set, the CDB01.1C-SE-ENS-ENS-NNN-NNN-NN-S-NN-FW is an ideal solution for applications requiring precise and reliable motion control.