

CDB01.1C-SE-EN1-EN1-NNN-NNN-S1-S-NN-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	cdb011c-se-en1-en1-nnn-nnn-s1-s-nn-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Dual-Axis Drive Controller
Master Communication	SERCOS Interface
Encoder Interface	HSF/RSF
DC Power Voltage	200-500 V
Power Supply	24 V DC
Power Consumption	9 W
Communication Interface	SERCOS Interface
Encoder Options	IndraDyn/Hiperface/1 Vpp/TLL, HSF/RSF
Digital Inputs	8
Switching Frequency	2-8 kHz
Fiber Optic Coupling Torque	0.6 Nm

Description

The Indramat CDB01.1C-SE-EN1-EN1-NNN-NNN-S1-S-NN-FW is a dual-axis drive controller from the CDB series, designed for precise motion control in industrial automation applications. This compact unit features a SERCOS Interface master communication, ensuring high-speed data exchange between control and drive systems. It supports two encoders with HSF/RSF compatibility, providing versatile feedback options for various motor types. The controller operates within a DC power voltage range of 200 to 500 V, accommodating a wide range of industrial power systems. It integrates safety slots and an embedded RS232 serial interface, enhancing connectivity and safety in complex automation setups. Ideal for applications requiring precise motion control, such as packaging, printing, and material handling systems, the CDB01.1C-SE-EN1-EN1-NNN-NNN-S1-S-NN-FW offers reliable performance and flexibility in demanding industrial environments.