

CLC-D02.3

Industrial automation components

Manufacturer	Indramat
Catalog number	clc-d023
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.28 kgs
Axes Controlled	Up to 3 axes
CPU Clock Frequency	25 MHz
Memory	512 kB battery-backed SRAM
Storage Capacity	1 MB
Communication Ports	2 (Port A: ASCII Host Protocol; Port B: Configurable for Host Protocol or Visual Motion)
Display	Single-digit seven-segment LED
Installation	Fits DDS drive bay in host PCs

Description

The Indramat CLC-D02.3 is a high-performance motion control card engineered for advanced industrial automation applications. Designed to provide coordinated control of up to three axes, it supports multi-tasking capabilities with up to four simultaneous jobs across up to 40 axes, ensuring optimal throughput in complex machinery. Operating with a 25 MHz CPU clock frequency, the CLC-D02.3 features 512 kB of battery-backed SRAM and offers a maximum storage capacity of 1 MB for program and data retention. The card includes two communication ports: Port A supports ASCII Host Protocol, while Port B is configurable for Host Protocol or Indramat's Visual Motion interface, facilitating seamless integration into various automation systems. A single-digit seven-segment LED display provides clear status and error codes, simplifying diagnostics and maintenance. The CLC-D02.3 is designed for installation in the DDS drive bay of host PCs, ensuring straightforward integration and reliable, continuous operation in demanding industrial environments.