

CLM01.4-N-N-2-B-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	clm014-n-n-2-b-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.47 kgs
Product Type	Drive
Interface Type	profibus
Control Voltage	24 VDC
Fieldbus Interface	Profibus
Number of Axes	4 axes
User Program Capacity	3,000 instructions
Processing Speed	1,000 programs per second

Description

The Indramat CLM01.4-N-N-2-B-FW is a compact CNC control module designed for precise management of multi-axis motion in industrial applications. Operating at a control voltage of 24 VDC, it efficiently controls up to four axes, making it ideal for complex processes in wood-processing machinery, thermoforming equipment, and robotics. The module features a Profibus fieldbus interface, ensuring reliable communication within automation systems. Its modular design allows for seamless integration with AC servo drives, enhancing operational efficiency. Equipped with a pre-installed user program capable of handling up to 3,000 instructions, it supports a nesting hierarchy of 127 subprograms and processes up to 1,000 programs per second. This robust functionality eliminates the need for a separate PLC, streamlining system architecture. The CLM01.4-N-N-2-B-FW offers multilingual configuration options, including English, Spanish, Italian, German, and French, facilitating remote setup and programming. Its user-friendly interface enables parameter input via a desktop PC or directly through the front control panel, allowing for tailored machine and drive data adjustments. This versatility and performance make the CLM01.4-N-N-2-B-FW a reliable choice for applications requiring precise and efficient multi-axis control.