

CLM01.3-X-E-2-0-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	clm013-x-e-2-0-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.81 kgs
Control Voltage	24 VDC
Number of Axes	3
Feed Resolution	0.001 inches
Display Type	LCD
Keypad	20-key
Input Expansion	64 inputs
Output Expansion	32 outputs
Dimensions	390 mm x 105 mm x 325 mm
Operating Temperature Range	5°C to 45°C
Maximum Operating Altitude	1000 meters

Description

The Indramat CLM01.3-X-E-2-0-FW is a high-precision axis positioning control module designed for multi-axis motion control applications. Operating at a control voltage of 24 VDC, it manages up to three axes with a feed resolution of 0.001 inches, ensuring precise motion control. The module features a four-line LCD display and a 20-key keypad for intuitive operation and diagnostics. It supports input expansion up to 64 inputs and output expansion up to 32 outputs, providing flexibility for complex automation systems. The unit is housed in a compact enclosure measuring 390 mm in height, 105 mm in width, and 325 mm in depth, with a weight of 6 kg. Designed for cabinet mounting, it operates within an ambient temperature range of 5°C to 45°C and at altitudes up to 1000 meters, utilizing convection cooling for thermal management. The CLM01.3-X-E-2-0-FW is suitable for applications such as roll feeds, bending machines, woodworking equipment, packaging lines, and gantry robots, offering scalability and reliability for demanding motion control tasks.