

RAC2.3-200-460-A00-W1

Industrial automation components

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| Manufacturer | Indramat |
| Catalog number | rac23-200-460-a00-w1 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

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| Weight | 48.14 kgs |
| Voltage | 400 - 460 V |
| Current | 200 A |
| Signal Level | 460 V |
| Frequency | 50 - 60 Hz |
| Product Type | Drive |
| Signal Type | 460 |
| Relay Specifications | 460 VAC |

Description

The Indramat RAC2.3-200-460-A00-W1 is a high-performance AC main spindle drive controller designed for precision CNC machining applications. Operating at a rated connection voltage of 3 x AC 400 V, 50 Hz, $\pm 15\%$ or 3 x AC 460 V, it delivers a continuous rated current of 200 A, ensuring reliable performance for demanding spindle loads. The controller features an internal blower cooling system, maintaining optimal thermal conditions during extended operation. It accepts an analog speed command of ± 10 V, facilitating seamless integration with conventional CNC controls. The device is part of Indramat's RAC 2 series, version 3, and interfaces via a 9-pole terminal (X4). Engineered for vertical mounting in control cabinets, the RAC2.3-200-460-A00-W1 measures approximately 1000 x 460 x 320 millimeters, providing a compact footprint for space-constrained installations. This spindle drive controller sets a benchmark for reliability and precision in automated machining centers, delivering consistent speed regulation and current handling for high-precision manufacturing environments.