

## RAC3.5-200-460-A0I-Z1-220

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	rac35-200-460-a0i-z1-220
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	23.87 kgs
<b>Voltage</b>	400 - 460 V
<b>Current</b>	200 A
<b>Product Type</b>	Drive
<b>Signal Type</b>	460
<b>Signal Level</b>	460 V
<b>Relay Specifications</b>	460 VAC

### Description

The Indramat RAC3.5-200-460-A0I-Z1-220 is a high-performance AC main spindle drive controller engineered for demanding industrial applications. Designed by Indramat, a leader in automation technology, this controller offers precise spindle control, making it ideal for milling, grinding, and turning operations. It operates on a rated connection voltage of 3 x AC 400 V, 50 Hz ( $\pm 15\%$ ) or 3 x AC 460 V, delivering a continuous rated current of 200 A to the motor. The device features an internal blower and built-in fan for efficient cooling during sustained high-speed operations. Control electronics are powered by AC 230 V / 50-60 Hz through a dedicated input, ensuring stable performance. The controller accepts an analogue speed command input of  $\pm 10$  V, facilitating smooth setpoint transitions. Additionally, it includes an incremental encoder output for precise feedback and an interface terminal (X4, 9 poles) for secure wiring layouts. The RAC3.5-200-460-A0I-Z1-220 is part of Indramat's Series 3, Version 5, and is optimized for integration into CNC platforms, supporting modular expansions without increasing footprint. Its robust construction and intelligent thermal management deliver high reliability and reduced downtime in continuous-operation environments.