

## RAC2.2-200-380-A0I-W1

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	rac22-200-380-a0i-w1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Rated Connection Voltage</b>	3 x AC 400 V, 50-60 Hz
<b>Rated Current</b>	200 A
<b>Speed Command</b>	Analogue (+/- 10 V)
<b>Additional Interface</b>	Incremental encoder output
<b>Cooling</b>	Internal blower with built-in fan
<b>Additional Bleeder</b>	Without additional bleeder
<b>Interface Terminal</b>	X4, 9 poles

### Description

The Indramat RAC2.2-200-380-A0I-W1 is a high-performance AC main spindle drive controller designed for precise speed and position regulation in industrial automation applications. Operating at a rated connection voltage of 3 x AC 400 V, 50-60 Hz, it delivers a continuous rated current of 200 A, making it suitable for demanding main spindle requirements. The device features an analogue speed command input of  $\pm 10$  V, allowing for accurate speed regulation, and an incremental encoder output via a 9-pole X4 interface terminal, facilitating seamless integration with CNC controls. Cooling is managed through an internal blower with built-in fan, ensuring reliable thermal management under full load. This controller is configured without an additional bleeder or encoder input, streamlining its design for standard feedback loops. The RAC2.2-200-380-A0I-W1 is part of the RAC Spindle Drive Controllers series by Indramat, known for their high-resolution feedback and precise control capabilities, making them ideal for applications requiring high stiffness and consistent power across a wide speed range.