

RAC3.1-150-460-A0I-W1-220

Industrial automation components

Manufacturer	Indramat
Catalog number	rac31-150-460-a0i-w1-220
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	52.16 kgs
Voltage	460 V
Current	150 A
Signal Level	460 V
Frequency	50 - 60
Product Type	Drive
Signal Type	460
Relay Specifications	460 VAC

Description

The Indramat RAC3.1-150-460-A0I-W1-220 is an AC main spindle drive controller designed for precise control in industrial applications. Operating on a 3-phase AC supply voltage of 380-460 V at 50-60 Hz, it delivers a continuous controller current of 150 A, with a continuous output of 35 kW and a peak output of 40 kW. The control electronics require an AC voltage of 230 V at 50-60 Hz. This controller features an integrated fan for cooling and has a protection category of IP 10, ensuring reliable operation in various industrial environments. With a weight of 49 kg, it is suitable for installations up to 1000 meters above sea level. The ambient operating temperature range is 5 to 45°C, and it can withstand storage temperatures from -30 to +85°C. The device includes a high-resolution feedback system for precise speed control and operates without an additional encoder input. This spindle drive controller is ideal for applications requiring high precision and reliability, such as CNC machine tools and automated manufacturing systems.