

## TDA1.1-100-3-A0I

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	tda11-100-3-a0i
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	4.67 kgs
<b>Voltage</b>	300 V
<b>Current</b>	100 A
<b>Product Type</b>	Drive
<b>Signal Type</b>	300
<b>Signal Level</b>	300 V

### Description

The Indramat TDA1.1-100-3-A0I is a high-performance main spindle controller designed for precise control of asynchronous main spindle motors in numerically controlled machine centers. With a rated current of 100 A and a continuous effective current of 70 A, it ensures reliable and efficient operation. The controller accepts an analog command value of +/-10 V, providing flexibility in integration with various systems. Weighing 10.5 kg, it is suitable for installation within control cabinets, requiring a minimum clearance of 80 mm above the housing for optimal ventilation. The TDA1.1-100-3-A0I is engineered to operate within ambient temperatures ranging from 5°C to 45°C, making it adaptable to diverse industrial environments. Its robust design and precise control capabilities make it an ideal choice for applications demanding high stiffness and a wide speed range.