

## DKC11.3-100-7-FW

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dkc113-100-7-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>DC Bus Nominal Voltage</b>	700 V
<b>Rated Current</b>	100 A
<b>Internal Cooling System</b>	Internal blower
<b>Serial Interface</b>	Integrated
<b>Dimensions</b>	105 x 360 x 261 mm
<b>Weight</b>	9.7 kg
<b>Product Type</b>	DKC Drive Controller
<b>Design Version</b>	3

### Description

The Indramat DKC11.3-100-7-FW is a high-performance drive controller engineered for precise servo motor control in industrial automation applications, including assembly systems, packaging machines, printing machines, and machine tools. Designed by Indramat, a leader in motion control technology, this controller is optimized for integration with MKD Series Motors, ensuring seamless operation in both single and multi-axis configurations. Operating with a DC-bus nominal voltage of 700 V and a rated current of 100 A, the DKC11.3-100-7-FW delivers robust performance to meet the demands of complex automation tasks. Its internal blower cooling system maintains thermal stability under continuous load, while the integrated serial interface facilitates reliable communication with connected devices. The controller's compact dimensions—105 mm in width, 360 mm in height, and 261 mm in depth—allow for flexible installation in various industrial environments. With a weight of 9.7 kg, it offers a balance between durability and manageability. The DKC11.3-100-7-FW is classified under Indramat's DKC Drive Controllers series and adheres to Design Version 3 specifications, reflecting its advanced engineering and reliability. This drive controller is an ideal solution for applications requiring precise motion control and high operational efficiency.