

## DKC21.3-100-7-FW

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dkc213-100-7-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Brand</b>	Indramat
<b>Part Number</b>	DKC21.3-100-7-FW
<b>Product Type</b>	Drive Controller
<b>Series</b>	DKC21.3
<b>Rated Current</b>	100 A
<b>DC Bus Nominal Voltage</b>	700 V
<b>Mains Input</b>	3×AC 380–480 V at 50/60 Hz
<b>Protection Rating</b>	IP20
<b>Ambient Temperature Range</b>	+5°C to +45°C
<b>Storage and Transport Temperature Range</b>	-20°C to +80°C
<b>Humidity Tolerance</b>	Up to 90% relative humidity %

## Description

The Indramat DKC21.3-100-7-FW is a high-performance drive controller designed for precise motion control in industrial automation systems. Manufactured by Indramat, a leading brand in industrial automation components, this model is part of the DKC Drive Controllers series. It delivers a rated current of 100 A and operates with a DC-bus nominal voltage of 700 V, making it suitable for demanding applications requiring robust power handling. The controller accepts a mains input of 3×AC 380–480 V at 50/60 Hz, providing flexibility for various industrial environments. It features an IP20 protection rating, ensuring reliable operation in controlled settings. The DKC21.3-100-7-FW is engineered to function within ambient temperatures ranging from +5°C to +45°C and can withstand storage and transport temperatures from -20°C to +80°C, demonstrating its resilience in diverse conditions. Designed to handle up to 90% relative humidity and a degree of contamination 2, it is built to perform reliably in industrial settings with varying environmental conditions. This drive controller is ideal for applications requiring precise motion control, such as in packaging, assembly, and machine tools, where high performance and durability are essential.