

## DKC05.3-040-7-FW

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dkc053-040-7-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	5.44 kgs
<b>Voltage</b>	200 - 480 V
<b>Current</b>	40 A
<b>Product Type</b>	Drive
<b>Signal Level</b>	480 V
<b>Measurement Range</b>	200 - 480

### Description

The Indramat DKC05.3-040-7-FW is a high-performance drive controller designed for precise rotational and linear motion control in industrial automation systems. Operating with a DC-bus nominal voltage of 700 V and supporting a rated current of 40 A, this controller ensures robust power handling for demanding applications. It features a stepper interface for seamless communication between the drive controller and system control, along with a federate override for custom jog speed control and referencing. The unit supports the storage of multiple positioning blocks and includes functions for automatic adaptation of gear ratios and feed rates. Integrated safety features encompass absolute and incremental position detection, as well as an internal brake control system. With an operating temperature range of 0°C to 40°C, the DKC05.3-040-7-FW is built to deliver reliable performance in various industrial environments. Firmware is supplied separately, allowing for tailored configuration and updates to meet specific machine requirements.