

DKC11.3-040-7-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	dkc113-040-7-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.26 kgs
Voltage	200 - 480 V
Measurement Range	200 - 480
Current	40 A
Product Type	Drive
Signal Level	480 V

Description

The Indramat DKC11.3-040-7-FW is a high-performance drive controller engineered for precise servo motor control in industrial automation applications. Designed by Indramat, a leader in motion control technology, this controller is ideal for tasks such as handling systems, packaging machines, assembly systems, printing machines, and machine tools. It operates with a 3-phase AC input voltage ranging from 380 to 480 V at 50/60 Hz, delivering a nominal DC bus voltage of 700 V and a rated current of 40 A. The device supports a DC bus voltage range of 152 to 420 V, accommodating various operational requirements. Its compact design ensures efficient space utilization, making it suitable for installations where space is limited. The DKC11.3-040-7-FW is equipped with a soft-start resistor of 4.7 Ω , enhancing system reliability by reducing inrush currents during startup. With a protection rating of IP20, it is designed to operate in environments with minimal exposure to dust and water. The controller functions optimally within an ambient temperature range of 0 to 40°C and can be installed at altitudes up to 1000 meters, providing flexibility in diverse industrial settings. This drive controller is compatible with MKD motors and supports both single-axis and multi-axis configurations, offering versatility in system design. Its advanced firmware version 7 provides enhanced control capabilities, ensuring precise and reliable operation in demanding applications.