

DKC06.3-040-7-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	dkc063-040-7-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	5.44 kgs
Voltage	200 - 480 V
Measurement Range	200 - 480
Interface Type	devicenet
Signal Level	480 V
Current	40 A
Product Type	Drive

Description

The Indramat DKC06.3-040-7-FW is a high-performance drive controller designed for advanced motion control in industrial automation applications. Part of the DKC Drive Controllers series, this unit operates with a rated current of 40 A and supports a rated input voltage range of 200 to 480 V, with a DC-bus nominal voltage of 700 V. It features a compact design measuring 65 mm in width, 360 mm in height, and 261 mm in depth, and weighs 5.7 kg, facilitating easy integration into existing control cabinets. The controller utilizes a 24 V DC control input, conforming to Voltage Category 7 standards, ensuring enhanced safety and signal integrity. It employs an internal blower for cooling and offers IP20 enclosure protection, making it suitable for various industrial environments. The DKC06.3-040-7-FW is engineered for compatibility with a wide range of servo and spindle drives, providing precise control over speed, torque, and positioning. Its integration with standard industrial buses and I/O interfaces allows for seamless incorporation into modular machine architectures, reducing downtime and maintenance overhead. This drive controller is ideal for applications in packaging, material handling, and CNC machinery, where reliable and efficient motion control is essential.