

DKC02.3-200-7-FW / S100

Industrial automation components

Manufacturer	Indramat
Catalog number	dkc023-200-7-fw-s100
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

DC Bus Nominal Voltage	700 V
Rated Current	200 A
Input Voltage Range	200 V to 480 V
Input Frequency Range	50 to 60 Hz
Interface	SERCOS

Description

The Indramat DKC02.3-200-7-FW is a high-performance drive controller designed for precise motion control in industrial automation applications. Part of the DKC Drive Controllers series, this model features a nominal DC-bus voltage of 700 V and delivers a rated current of 200 A, ensuring reliable operation for demanding tasks. It operates within an input voltage range of 200 V to 480 V and supports input frequencies from 50 to 60 Hz, making it versatile for various industrial environments. The controller utilizes the SERCOS interface for seamless communication, enhancing its integration capabilities. Designed for durability, it has an IP20 protection rating and can function in ambient temperatures ranging from 0 to +45 °C, with a storage range of -20 to +80 °C. The unit weighs 9.7 kg, facilitating straightforward installation and maintenance. Firmware is ordered separately, allowing for tailored functionality to meet specific application requirements. This drive controller is ideal for applications requiring high current capacity and precise motion control, such as robotics, CNC machinery, and automated assembly lines.