

DKC02.3-100-7-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	dkc023-100-7-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	9.53 kgs
Voltage	200 - 480 V
Product Type	Drive
Current	100 A
Signal Type	480
Signal Level	480 V
Relay Specifications	16 A

Description

The Indramat DKC02.3-100-7-FW is a high-performance drive controller from the EcoDrive series, engineered for precise motion control in industrial automation applications. Designed to operate with both single-phase and three-phase AC supplies, it accommodates an input voltage range of 200–480 V and a frequency of 50–60 Hz. The controller features a 700 V DC-bus nominal voltage and delivers a rated current of 100 A across three output phases, ensuring efficient power distribution. With a maximum output voltage of 800 V, it supports a wide range of motor types. The device operates within an ambient temperature range of 0 to +45°C and is housed in an IP20-rated enclosure, providing protection against dust and contact with hazardous parts. Its compact dimensions (105 mm width, 423 mm height, 261 mm depth) and weight of 9.7 kg facilitate easy integration into various industrial setups. The DKC02.3-100-7-FW is compatible with Indramat motors and utilizes the SERCOS communications interface for real-time motion control, making it a versatile and reliable choice for demanding automation tasks.