

DKC02.3-040-7-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	dkc023-040-7-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	6.00 kgs
Signal Level	480 V
Voltage	200 - 480 V
Current	40 A
Measurement Range	200 - 480
Product Type	Drive

Description

The Indramat DKC02.3-040-7-FW is a high-performance drive controller from the DKC Drive Controllers series, designed for precise motion control in industrial automation applications. Operating within the EcoDrive family, this controller delivers a rated current of 40 A at a nominal DC-bus voltage of 700 V, ensuring efficient and reliable performance. It supports a control voltage of 24 VAC and operates within an input voltage range of 200–230 V at 50–60 Hz, making it suitable for various industrial environments. The device features IP20 protection, safeguarding internal components from dust and contact with solid objects. Additionally, it includes built-in overload protection, enhancing system reliability by preventing damage during excessive current conditions. The DKC02.3-040-7-FW is compatible with the SERCOS interface, facilitating seamless communication in multi-axis control systems. Its compact design, with dimensions of 65 x 360 x 261 mm and a weight of 5.7 kg, allows for flexible integration into existing setups. This drive controller is ideal for applications requiring precise and efficient motion control, such as packaging, handling, and assembly processes.