

BGR DKC03.3

Industrial automation components

Manufacturer	Indramat
Catalog number	bgr-dkc033
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	DKC Drive Controller
DC-bus Nominal Voltage	700 V
Input Voltage Range	200–480 V
Input Frequency Range	50–60 Hz
Output Voltage	up to 800 V
Rated Current	40 A
Interface	PROFIBUS
Enclosure Rating	IP20

Description

The Indramat BGR DKC03.3 is a high-performance drive controller designed for industrial automation applications. Part of the ECODRIVE series, it offers precise motion control and is compatible with MKD motors. The controller features a PROFIBUS interface for seamless communication within automation systems. It operates with a 700 V DC-bus nominal voltage and supports input voltages from 200 V to 480 V at 50–60 Hz, delivering up to 800 V output. The device is housed in an IP20-rated enclosure, ensuring protection against dust and contact with hazardous parts. With a rated current of 40 A, it is suitable for demanding, high-torque servo applications. The DKC03.3 series is known for its modular design, allowing for easy replacement and maintenance, thereby minimizing downtime in industrial settings.