

## BGR DKC14.3

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	bgr-dkc143
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Brand</b>	Indramat
<b>Part Number</b>	BGR DKC14.3
<b>Product Type</b>	Drive Controller
<b>DC Bus Nominal Voltage</b>	700 V
<b>Rated Current</b>	40 A
<b>Control Voltage Input</b>	24 V
<b>Holding Brake Control</b>	Yes
<b>Field Wiring Material</b>	60/70°C Copper
<b>Operating Temperature Range</b>	0 to +40°C
<b>Permissible Installation Altitude</b>	1000 meters above sea level

### Description

The Indramat BGR DKC14.3 is a high-performance drive controller designed for precise motion control in industrial automation systems. Part of the DKC Drive Controllers series, it operates with a nominal DC-bus voltage of 700 V and offers various rated currents, including 40 A, 100 A, and 200 A, catering to different application requirements. This drive controller is engineered to regulate and protect servo and induction motors, ensuring smooth acceleration, deceleration, and torque control across a wide range of industrial applications. Key features include a 24 V control voltage input, holding brake control, and compatibility with field wiring using 60/70°C copper. It operates efficiently within a temperature range of 0 to +40°C, with permissible installation altitudes up to 1000 meters above sea level. The BGR DKC14.3 is suitable for integration into existing Indramat systems, offering flexibility and reliability for various industrial automation needs.