

DKC01.1-030-3-FW

Industrial automation components

Manufacturer	Indramat
Catalog number	dkc011-030-3-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.99 kgs
Signal Type	230
Refrigerant	r911265405
Product Type	Controller
Signal Level	230 V
Relay Specifications	230 VAC

Description

The Indramat DKC01.1-030-3-FW is a high-performance AC servo amplifier drive designed for precision motion control in industrial automation systems. Operating with a nominal DC-bus voltage of 300 V and delivering a continuous rated current of 30 A, it is engineered to drive medium-power servo motors with exceptional stability. The controller features a selectable switching frequency of 4 or 8 kHz, allowing optimization of acoustic performance and torque ripple for various motor types. Encased in a robust IP 20 enclosure, it ensures reliable operation in demanding environments. Weighing 4.4 kg, the unit is compact and integrates seamlessly into control cabinets without excessive space or cooling demands. The DKC01.1-030-3-FW is ideal for applications such as machine tools, packaging lines, and robotics, delivering consistent performance and precise positioning.