

DKC01.1-040-7-FW

Industrial automation components

Manufacturer	Inny
Catalog number	dkc011-040-7-fw
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	4.54 kgs
Voltage	700 V
Refrigerant	r911265406
Product Type	Drive
Signal Type	700
Signal Level	700 V

Description

The Indramat DKC01.1-040-7-FW is a high-performance AC servo amplifier drive controller designed for precise motion control in industrial automation systems. Manufactured by Indramat, a division of Bosch Rexroth, this unit is part of the ECODRIVE series, known for its reliability and efficiency. The DKC01.1-040-7-FW is rated for a continuous current of 40 A and operates with a DC bus nominal voltage of 700 V, making it suitable for demanding applications requiring robust performance. It features a three-phase input voltage range of 380–480 V AC, accommodating various industrial power systems. The device is equipped with an internal air blower for effective cooling, ensuring optimal performance during extended operations. With dimensions of 360 mm in length, 210 mm in height, and 65 mm in width, and a weight of 4.4 kg, the DKC01.1-040-7-FW is designed for easy integration into existing automation setups. Its IP20 protection rating indicates suitability for indoor environments, providing a balance between accessibility and protection against dust and foreign objects. This servo amplifier drive controller is ideal for applications such as handling systems, packaging machinery, assembly systems, and printing machines, where precise and reliable motion control is essential.