

DKS01.1-W030B-R

Industrial automation components

Manufacturer	Indramat
Catalog number	dks011-w030b-r
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	230 V AC ($\pm 10\%$)
Rated Current	30A
Cooling Method	Heat dissipation
Noise Emission	Reduced
Feedback Type	DSF Resolver

Description

The Indramat DKS01.1-W030B-R is a digital servo drive from the DKS Series, engineered for precise motion control in industrial automation applications. Designed to operate with a 230V 3-phase input voltage ($\pm 10\%$), it delivers a rated current of 30A, making it suitable for demanding tasks requiring reliable performance. The drive utilizes heat dissipation cooling, ensuring efficient thermal management and reduced noise emission for quieter operation. Integral features include dynamic braking for controlled stopping and programmable error reaction to system faults, enhancing operational safety and reliability. The DKS01.1-W030B-R is compatible with DSF resolvers, providing accurate feedback for precise motion control. With a maximum ambient temperature rating of 45°C (derated to 55°C), it is built to withstand various industrial environments. The drive's compact design and robust construction make it an ideal choice for applications such as robotics, packaging, and material handling, where precision and durability are paramount.