

KDV3.1-100-220/300W1-220V

Industrial automation components

Manufacturer	Indramat
Catalog number	kdv31-100-220300w1-220v
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.11 kgs
Voltage	220 V
Measurement Range	1 - 220
Signal Type	220
Signal Level	220 V
Relay Specifications	220 VAC

Description

The Indramat KDV3.1-100-220/300W1-220V is a power supply module designed to provide DC power for Indramat drives, compatible with Indramat controls and servo motors. This module offers a rated current of 100A, a nominal input voltage of 220V AC, and a DC bus nominal voltage of 300V. It features an integrated regenerative KDR system, allowing for the return of regenerated energy to the grid, enhancing energy efficiency in dynamic drive applications. The open-frame construction facilitates flexible integration into control cabinets, and the built-in heatsink blower dissipates 80% of generated heat, maintaining thermal stability under continuous load. With a dust protection rating of IP10, the KDV3.1-100-220/300W1-220V ensures reliable operation in moderate industrial environments. It operates within an ambient temperature range of 5°C to 45°C and can be installed at altitudes up to 1000 meters. This power supply module is ideal for high-performance automation systems, offering reliable power conversion and energy efficiency.