

## KDV4.1-30-3

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	kdv41-30-3
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	9.26 kgs
<b>Cooling Capacity</b>	30 kW
<b>Refrigerant</b>	r911239073
<b>Cable Specification</b>	3 × 380
<b>Signal Level</b>	460 V
<b>Voltage</b>	380 - 460 V
<b>Power</b>	30 kW
<b>Signal Type</b>	460
<b>Relay Specifications</b>	460 VAC

### Description

The Indramat KDV4.1-30-3 is a robust power supply module engineered for industrial drive systems, capable of supporting up to 10 drives simultaneously. Designed to operate directly from a 220 VAC, 3-phase mains input without the need for a transformer, it delivers a continuous power output of 30 kW. This module efficiently returns energy generated during braking back to the mains, minimizing energy loss. It operates within an ambient temperature range of 0 to +40°C and can be stored between -20 and +80°C. The KDV4.1-30-3 is suitable for installation up to 1000 meters above sea level and is compatible with commutation chokes, smoothing chokes, and additional capacitors. Its "cold running" design allows the heatsink to remain outside the control cabinet, reducing internal heat and enhancing system efficiency. This power supply module is ideal for high-powered applications requiring reliable and efficient energy management.