

KVR1.3-30-3

Industrial automation components

Manufacturer	Indramat
Catalog number	kvr13-30-3
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	30.39 kgs
Voltage	380 - 480 V
Cooling Capacity	30 kW
Signal Type	480
Signal Level	480 V
Relay Specifications	480 VAC
Current	11 A
Power	30 kW
Frequency	50 - 60 Hz
Horsepower	30 KW
Product Type	Drive

Description

The Indramat KVR1.3-30-3 is a high-performance power supply module designed for demanding industrial AC drive environments. It efficiently converts three-phase AC input into a stable 320 V DC link voltage, supplying downstream drives with consistent power. With a rated power of 30 kW, it also provides a 24 V auxiliary voltage output for control and signaling circuits. Its regenerative design allows it to return up to its full capacity back to the mains during generator-driven operation, enhancing energy efficiency. Built with a rugged modular architecture, the KVR1.3-30-3 integrates buffer capacitors to smooth DC ripple and support dynamic load changes. It accepts an input voltage range of 380–460 V AC at 50/60 Hz and sustains a maximum overload capacity of 100 kW for brief peak demands. The module's regenerative capability absorbs braking energy without external resistors, while a dedicated power backfeed function protects upstream networks. Advanced heat sink technology and forced-air cooling maintain optimal junction temperatures, ensuring stable operation across full load cycles. Engineers benefit from the KVR1.3-30-3's plug-and-play integration into Indramat's AC drive ecosystem, simplifying multi-axis installations and reducing cabinet footprint. Its proven reliability under continuous industrial use minimizes maintenance intervals and maximizes uptime. Ideal for high-speed conveyors, extruders, and process lines, this power supply module guarantees efficient energy management and robust system performance.