

HMV02.1R-W0015-A-07-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hmv021r-w0015-a-07-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.75 kgs
Voltage	380 - 480 V
Current	23 A
Power	15
Cooling Capacity	15
Measurement Range	380 - 480
Signal Level	480 V

Description

The Indramat HMV02.1R-W0015-A-07-NNNN is a high-performance regenerative power supply unit from the HMV Series, engineered for demanding industrial automation applications. Designed by Indramat, a leading manufacturer in motion control and automation technology, this unit delivers a rated output power of 15 kW at a nominal DC bus voltage of 700 V. It efficiently manages energy flow between the DC bus and motor drives, ensuring consistent power regeneration during braking and peak load conditions. The unit features internal air cooling with an integrated blower, maintaining optimal operating temperatures under continuous load. Encased in an IP20 protection-rated housing, it safeguards internal components from solid contaminants while facilitating air circulation. With a continuous input current of 23 A and a maximum braking energy absorption of 40 kW, the HMV02.1R-W0015-A-07-NNNN is ideal for applications requiring efficient energy management and reliable performance. Its regenerative topology improves overall system efficiency by returning excess energy to the supply bus instead of dissipating it as heat. This unit is suitable for integration into various industrial automation systems, including machine tools, presses, and high-inertia conveyor systems, where energy regeneration and efficient power management are essential.