

## HVR02.2-W010N

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hvr022-w010n
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Input Voltage</b>	3 x AC 380 V to 480 V ( $\pm 10\%$ )
<b>Output Voltage</b>	750 V DC
<b>Continuous Power Output</b>	10 kW
<b>Peak Power Capability</b>	30 kW
<b>Maximum Regenerated Energy</b>	80 kWs
<b>Cooling Method</b>	Internal air with built-in blower
<b>Design Version</b>	2
<b>Series</b>	02

### Description

The Indramat HVR02.2-W010N is a high-performance power supply unit designed for industrial automation applications. Operating within a mains input voltage range of 3 x AC 380 V to 480 V ( $\pm 10\%$ ), it delivers a regulated DC bus voltage of 750 V, ensuring stable power for connected drives. With a continuous power output of 10 kW and a peak power capability of 30 kW, this unit effectively handles dynamic load demands. Its internal air cooling system with a built-in blower maintains optimal operating temperatures, even under continuous heavy load. The HVR02.2-W010N also features regenerative energy capabilities, absorbing up to 80 kWs of braking energy and returning it to the DC link, enhancing overall system efficiency. Designed for seamless integration into Bosch Rexroth Indramat drive systems, it supports standardized control interfaces and parameter sets via PROFINET or optional fieldbus adapters. This power supply unit is ideal for applications such as machine tools, packaging lines, and high-dynamics processes, offering reliable and precise power delivery in demanding industrial environments.