

## HVR02.2-W025N

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hvr022-w025n
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Product Type</b>	Power Supply Unit
<b>Continuous Power Output</b>	25 kW
<b>Peak Power</b>	75 kW
<b>Input Voltage</b>	3 x AC 380–480 V ( $\pm 10\%$ )
<b>Output Voltage</b>	750 V DC
<b>Cooling Method</b>	Internal Air with built-in blower
<b>Protection Rating</b>	IP10
<b>Operating Temperature Range</b>	5–45 °C at rated load, up to 55 °C derated
<b>Weight</b>	21 kg
<b>Maximum Regenerated Energy</b>	80 kW
<b>Control System Compatibility</b>	Indramat DIAX04

## Description

The Indramat HVR02.2-W025N is a high-performance power supply unit designed for industrial automation applications. Manufactured by Indramat, a renowned brand in automation technology, this unit delivers a continuous power output of 25 kW and a peak power of 75 kW, ensuring reliable and efficient operation for demanding systems. It accepts a three-phase AC input voltage ranging from 380 to 480 V ( $\pm 10\%$ ) and provides a regulated 750 V DC bus voltage, making it suitable for various automation and robotics applications. The unit features internal air cooling with a built-in blower, maintaining optimal operating temperatures and enhancing its longevity. With an IP10 protection rating, it is designed for installation in clean, dry environments. Operating within an ambient temperature range of 5–45 °C at rated load and up to 55 °C when derated, it offers flexibility for different industrial settings. Weighing 21 kg, the HVR02.2-W025N is compact and robust, fitting seamlessly into industrial automation setups. Its regenerative capability allows it to return up to 80 kW of energy to the mains, improving energy efficiency and reducing operational costs. This feature is particularly beneficial in applications involving frequent deceleration or braking. The unit is compatible with Indramat's DIAX04 control systems, ensuring seamless integration and optimal performance within Indramat-based automation environments. Whether used in new installations or as a replacement in existing systems, the HVR02.2-W025N provides a reliable and efficient solution for powering automation components.