

HVE-02.2W018N

Industrial automation components

Manufacturer	Indramat
Catalog number	hve-022w018n
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Current	37 A
Power	18 KW
Horsepower	18 KW
Cooling Capacity	18 KW
Refrigerant	r911190000
Product Type	Module
Signal Type	480
Signal Level	480 V
Relay Specifications	480 VAC

Description

The Indramat HVE-02.2W018N is a robust power supply unit engineered for industrial automation applications, delivering a rated power of 18 kW. Designed to operate within a nominal voltage range of 380 to 480V AC, it efficiently converts three-phase input into an unregulated DC bus voltage suitable for various drive controllers. This unit is optimized for motors with a continuous mechanical power output up to 60 kW, making it ideal for demanding applications such as CNC drives, robotics, and conveyor systems. The HVE-02.2W018N features an internal air cooling system with a built-in blower, ensuring optimal thermal management under continuous load conditions. Its compact design facilitates easy integration into control cabinets, adhering to the Series 02 specifications with a protection class of IP10. The unit operates within an ambient temperature range of 5 to 45°C and can be stored or transported between -30 to 85°C. With a weight of approximately 13 kg, it offers a reliable and efficient solution for powering industrial automation systems.