

## HZF01.1-W025N

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	hzf011-w025n
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	21.86 kgs
<b>Current</b>	45 A
<b>Frequency</b>	50 - 60 Hz
<b>Voltage</b>	400 - 480 V
<b>Product Type</b>	Module
<b>Signal Type</b>	480
<b>Signal Level</b>	480 V
<b>Relay Specifications</b>	480 VAC

### Description

The Indramat HZF01.1-W025N is a high-efficiency combining filter module engineered to suppress electromagnetic interference in multi-connection power supply networks. Designed for integration with HVR second-generation power supply modules, it supports up to 16 supply connections within a single chassis. This module delivers a nominal power of 25 kW at a continuous nominal current of 45 A, operating seamlessly across a frequency range of 50 to 60 Hz. The HZF01.1-W025N features passive cooling via natural convection, eliminating the need for auxiliary fans and reducing maintenance requirements. It is optimized for vertical mounting and operates within a temperature range of 5 to 45 °C, withstanding storage temperatures from -30 to 85 °C. The filter's design ensures minimal power loss, with basic idle losses specified at 150 W and load-dependent losses of just 6 W/kW, resulting in an overall power loss of 300 W under full load. With a weight of 22 kg, the module is CE-labeled, UL listed, and NEMA compliant, ensuring robust protection against dust, contamination, and liquid penetration. Its standardized interfaces and contact-guarded front panel enhance safety and serviceability, making it an ideal solution for demanding PLC systems, drive modules, and regenerative power networks requiring effective EMI mitigation.