

HZF01.1-W010N

Industrial automation components

Manufacturer	Indramat
Catalog number	hzf011-w010n
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	20.87 kgs
Voltage	400 - 480 V
Frequency	50 - 60
Refrigerant	r911286619
Signal Type	480
Signal Level	480 V
Relay Specifications	480 VAC

Description

The Indramat HZF01.1-W010N is a combining filter module designed to suppress current leakage and electromagnetic interference in power supply systems. Part of the HZF series by Bosch Rexroth Indramat, this module is engineered for integration with HVR power supply units, ensuring efficient operation in industrial environments. It delivers a nominal power of 10 kW and operates with a nominal current of 18 A across a frequency range of 50 to 60 Hz. The filter employs natural convection cooling, eliminating the need for auxiliary fans and reducing maintenance requirements. With dimensions of 150 mm in width, 498 mm in length, and 262 mm in depth, and weighing 18 kg, it is suitable for various industrial applications where space and weight considerations are critical. The module features cable shield connections on both the top and bottom front panels, an F2 circuit breaker for voltage control, and multiple connection points, including X8/X8a terminals, X1 bus connection, PE bridge, and dedicated DC bus connection. It is housed in an IP10-rated enclosure, providing basic protection against contamination, dirt, and condensation. The HZF01.1-W010N is CE certified and UL listed, ensuring compliance with international safety and quality standards. This filter module is ideal for applications requiring reliable suppression of electromagnetic interference and current leakage, contributing to the longevity and performance of connected equipment.