

HNF01.2D-F240-E0051-A-480-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hnf012d-f240-e0051-a-480-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Current	51 A
Refrigerant	r911337618
Cable Specification	3 × 380
Relay Specifications	480 VAC
Frequency	50 - 60
Signal Type	480
Signal Level	480 V

Description

The Indramat HNF01.2D-F240-E0051-A-480-NNNN is a mains filter power unit designed to ensure electromagnetic compatibility (EMC) in industrial automation systems. Operating with a nominal current of 51 A and a mains connecting voltage of 480 V, it effectively suppresses electromagnetic interference, enhancing the performance and reliability of connected equipment. This filter is suitable for applications requiring compliance with EMC standards, such as servo drives and control systems. Key features include a degree of protection rated at IP20, indicating resistance to contact with large surfaces and vertical water droplets. The device is engineered for continuous operation, with a power dissipation of 75 W, and is intended for use with shielded motor cables up to 75 meters in length. Its compact dimensions (100 mm width, 440 mm height, 262 mm depth) and lightweight design (15 kg) facilitate easy integration into various industrial setups. The HNF01.2D-F240-E0051-A-480-NNNN is an essential component for ensuring stable and interference-free operation in complex automation environments.