

HNF01.1A-F240-R0094-A-480-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hnf011a-f240-r0094-a-480-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Current	94 A
Frequency	50 - 60 HZ
Product Type	Drive
Signal Type	480
Signal Level	480 V
Relay Specifications	1 A
Voltage	400 - 480 V
Manufacturer	Bosch

Description

The Indramat HNF01.1A-F240-R0094-A-480-NNNN is a mains filter designed to suppress electromagnetic interference in industrial automation systems. Manufactured by Indramat, a division of Bosch Rexroth, this filter is part of the HNF series, known for enhancing the performance and reliability of drive systems. It is engineered to handle a nominal current of 94 A and operates with a mains connecting voltage of 480 V, making it suitable for high-power applications. The filter complies with EMC area per DIN 61800-14 category A, ensuring effective suppression of electromagnetic disturbances. Its degree of protection is also rated as A, indicating robust construction for industrial environments. The filter is designed for use in regenerative supply systems, providing essential protection against electrical noise and ensuring the smooth operation of automation components. Its compact design allows for flexible installation, and it is built to withstand the demands of industrial settings, contributing to the longevity and efficiency of automation systems.