

HNF01.1A-F240-R0065-A-480-NNNN

Industrial automation components

Manufacturer	Indramat
Catalog number	hnf011a-f240-r0065-a-480-nnnn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Mains Filter
Nominal Current	65 A
Mains Voltage	3 × AC 400–480 V
EMC Category	C3
Degree of Protection	IP20

Description

The Indramat HNF01.1A-F240-R0065-A-480-NNNN is a mains filter designed to suppress electromagnetic interference (EMI) in industrial automation systems. This filter is part of the HNF series by Indramat, a renowned manufacturer of industrial automation components. It is specifically engineered for use with regenerative supply systems, ensuring compliance with electromagnetic compatibility (EMC) standards. The filter operates with a three-phase AC mains voltage of 400 to 480 V, accommodating a $\pm 10\%$ voltage tolerance and a frequency range of 50/60 Hz. It supports a nominal current of 65 A, making it suitable for applications requiring substantial current handling. The filter is designed for use with regenerative supply systems only, ensuring optimal performance in specific industrial settings. The degree of protection is IP20, indicating protection against solid objects larger than 12 mm but no protection against water. The EMC category is C3 in accordance with DIN EN 61800-3, suitable for industrial environments. The filter is intended for use with regenerative supply systems only, ensuring optimal performance in specific industrial settings. The device is suitable for use with regenerative supply systems and operates reliably within a humidity range of 5% to 95%.