4EU3652-4UB00-0A

Industrial automation components

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Manufacturer	Siemens
Catalog number	4eu3652-4ub00-0a
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Nominal Voltage	480 V
Maximum Continuous Current	504 A
Inductance	0.0503 mH
Relative Short-Circuit Voltage	4%
Ambient Temperature	40°C
Protection Class	IP00
Compliance Standards	EN 61558-2-20, UL/CSA recognized

Description

The Siemens 4EU3652-4UB00-0A is a three-phase line reactor designed to enhance the performance and longevity of frequency converters and DC converters. Operating at a nominal voltage of 480 V, it effectively suppresses network interference and reduces harmonic distortions, ensuring smoother operation of connected equipment.

With a maximum continuous current of 504 A at 60 Hz, this reactor is built to handle substantial electrical loads. Its inductance of 0.0503 mH and a relative short-circuit voltage of 4% contribute to its efficiency in filtering out unwanted electrical noise.

The reactor is engineered to operate in ambient temperatures up to 40°C and features an H-class insulation system, providing robust protection against thermal stresses. Its IP00 protection class indicates that it is intended for installation within a protective enclosure.

The reactor is compliant with international standards, including EN 61558-2-20, and is UL/CSA recognized, ensuring its reliability and safety in industrial applications.

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