# 4EU3652-7UC00-1B

Industrial automation components

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|---|---|
| **Manufacturer** | Siemens |
| **Catalog number** | 4eu3652-7uc00-1b |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

| | |
|---|---|
| **Nominal Voltage** | 480 V |
| **Maximum Continuous Current** | 1 A |
| **Inductance** | 0.0126 H |
| **Short-Circuit Voltage Drop** | 2 % |
| **Connection Type** | Flat-type terminal |

## Description

The Siemens 4EU3652-7UC00-1B is a three-phase line choke designed to enhance the performance and longevity of frequency converters by mitigating harmonic currents and voltage spikes. Operating at a nominal voltage of 480 V and capable of handling a maximum continuous current of 1 A at 60 Hz, it offers an inductance of 0.0126 H, effectively filtering high-frequency disturbances.

With a short-circuit voltage drop of 2%, it ensures minimal energy loss during operation. The choke features a flat-type terminal connection and complies with EN 61558-2-20 standards, recognized by UL and CSA, underscoring its reliability and safety.

Its insulation class H allows for operation in ambient temperatures up to 40°C, and with an IP00 protection rating, it is intended for installation within electrical enclosures. This component is ideal for industrial applications requiring efficient power quality management and protection against electrical disturbances.

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