# 1LE1003-0DA32-2KA4-Z

Industrial automation components

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| **Manufacturer** | Siemens |
| **Catalog number** | 1le1003-0da32-2ka4-z |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

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|---|---|
| **Nominal Power** | 1.10 kW |
| **Nominal Voltage** | 230 V (Δ) / 400 V (Y) at 50 Hz |
| **Nominal Speed** | 2885 rpm |
| **Frame Size** | 80 M |
| **Protection Rating** | IP55 |

## Description

The Siemens 1LE1003-0DA32-2KA4-Z is a low-voltage three-phase squirrel-cage motor designed for industrial applications requiring reliable and efficient performance. Manufactured by Siemens, this motor features a self-ventilated aluminum housing with an IP55 protection rating, ensuring durability and protection against dust and water ingress.

It operates at a nominal power of 1.10 kW at 50 Hz and 1.27 kW at 60 Hz, with a rated speed of 2885 rpm. The motor supports three-phase AC input: 230 V (Δ) / 400 V (Y) at 50 Hz and 460 V (Y) at 60 Hz.

It is designed with a 4-pole configuration and a frame size of 80 M, suitable for various industrial applications. The motor's insulation class is 155(F) according to 130(B), and it complies with IE3 efficiency standards, offering premium energy efficiency.

The terminal box is positioned at the top, made of aluminum, and includes cable entries suitable for different cable diameters. This motor is ideal for applications requiring consistent and efficient operation in demanding environments.

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