

Lenze E82ZAFS Manual

Brand	Lenze
Product Series	Lenze
Product Type	Function Module

Description

The E82ZAFS function module from Lenze is built with a standard I/O design and operates at a rated supply voltage of 24 volts DC. This model includes a variety of input and output configurations for versatile connectivity.

Technical specifications for E82ZAFS

Manufacturer Lenze

Product Type Function Module

Product Line Series 8200

Part Number E82ZAFS

Variant Standard I/O design

Electrical Connection Type Screw terminal

Rated Supply Voltage 24 Volts DC

Ambient Operating Temperature -20 to 60°C

Storage Temperature -25 to 60°C

Protection Class IP20

Input/Output Type Analog input/output and digital input/output

Number of Analog Inputs 1 analog input

Number of Analog Outputs 1 analog output

Number of Digital Inputs 4 digital inputs

Number of Digital Outputs 1 digital output

Frequency Range 0 to 50 Hertz (adjustable)

Description

The E82ZAFS from Lenze represents an effective function module within the Series 8200, designed to accommodate diverse automation needs. Built with a standard I/O design, it is capable of handling both analog and digital signals efficiently. This module operates with a supply voltage of 24 volts DC, essential for numerous control applications.

The E82ZAFS function module supports one analog input and one analog output, alongside four digital inputs and a single digital output. Such configuration allows for comprehensive data handling and operational flexibility within integrated systems. Additionally, the frequency range is adjustable from 0 to 50 Hertz, accommodating different operational requirements.

In terms of environmental resilience, the function module is effective in ambient temperatures ranging from -20°C to 60°C. It can also be stored in conditions as cold as -25°C and as warm as 60°C without impacting functionality. The protection class of IP20 indicates that it provides adequate defense against non-harmful foreign bodies.

Connections are made through screw terminals, ensuring reliable and secure wiring. Weighing just 0.09 pounds (0.04 kilograms), it is lightweight yet robust enough for various applications, making it a suitable choice for modular configurations.

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