

INDUSTRIAL AUTOMATION PRODUCT

6ED1052-1MD00-0BA5

LOGO! modular 12/24 Logic Module

Siemens 6ED1052-1MD00-0BA5 is a LOGO! modular 12/24 logic module. It executes the user program as the control element of a modular LOGO! micro-automation installation.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	Siemens LOGO! modular micro-automation
Part number	6ED1052-1MD00-0BA5
HS code	8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



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Technical Specifications

Technical values below are limited to the named Siemens product record.

PARAMETER	TECHNICAL VALUE
Product family	LOGO! modular 12/24
Component type	Logic module
Set reference	Micro Automation Set 24
Order number	6ED1052-1MD00-0BA5
Engineering software	LOGO! Soft Comfort

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	LOGO! modular expansion arrangement
Companion hardware	LOGO! Soft Comfort engineering software
Field connection	Documented Micro Automation Set 24 components
Primary system function	Executes the programmed LOGO! control sequence
Controlled acceptance duty	Compact machine sequencing

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System Role and Architecture

Siemens 6ED1052-1MD00-0BA5 is a LOGO! modular 12/24 logic module. It executes the user program as the control element of a modular LOGO! micro-automation installation.

FUNCTION 1

Executes the programmed LOGO! control sequence

FUNCTION 2

Provides the base logic-module position for a modular micro-automation installation

FUNCTION 3

Coordinates the documented set components through the LOGO! engineering workflow

FUNCTION 4

Supports compact machine and utility control tasks

Matched system components

- LOGO! modular expansion arrangement
- LOGO! Soft Comfort engineering software
- Documented Micro Automation Set 24 components
- Control-panel wiring and protected supply

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	LOGO! modular expansion arrangement
Companion hardware	LOGO! Soft Comfort engineering software
Field connection	Documented Micro Automation Set 24 components
Primary system function	Executes the programmed LOGO! control sequence
Controlled acceptance duty	Compact machine sequencing

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Applications and Engineering Context

Compact machine sequencing

Executes the programmed LOGO! control sequence

Utility skid interlocks

Provides the base logic-module position for a modular micro-automation installation

Small conveyor logic

Coordinates the documented set components through the LOGO! engineering workflow

Standalone panel automation

Supports compact machine and utility control tasks

TECHNICAL NOTE

Confirm the complete order number and the approved LOGO! project before wiring, then download the validated program and perform a controlled I/O response test before release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6ED1052-1MD00-0BA5 / 6ED1052-1MD00-0BA5 recorded
Physical interface	LOGO! modular expansion arrangement
Companion check	LOGO! Soft Comfort engineering software
Functional proof	Executes the programmed LOGO! control sequence
Application test	Compact machine sequencing

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Engineering Precautions

1

Verify the complete 6ED1052-1MD00-0BA5 marking and the assigned Siemens LOGO! modular micro-automation position before field work.

2

Isolate the applicable power, bus and field energy before disconnecting 6ED1052-1MD00-0BA5.

3

Use ESD controls and protect the keyed connectors and backplane interface of 6ED1052-1MD00-0BA5.

4

Record the installed wiring, station address and configuration before replacement of 6ED1052-1MD00-0BA5.

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Confirm LOGO! modular expansion arrangement and LOGO! Soft Comfort engineering software against the approved project configuration.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
6ES7332-5HD01-0AB0	SIMATIC S7-300 analog output module	View 6ES7332-5HD01-0AB0 page
6EP3334-8SB00-0AY0	SITOP compact power supply	View 6EP3334-8SB00-0AY0 page
6ES7954-8LC04-0AA0	SIMATIC S7-1500 memory card	View 6ES7954-8LC04-0AA0 page
6AV2124-0QC02-0AX1	SIMATIC HMI operator panel	View 6AV2124-0QC02-0AX1 page
6ES7590-1AB60-0AA0	SIMATIC S7-1500 front connector	View 6ES7590-1AB60-0AA0 page
6ES7414-3EM07-0AB0	SIMATIC S7-400 CPU	View 6ES7414-3EM07-0AB0 page
6GK1561-2AA00	SIMATIC PROFIBUS communications adapter	View 6GK1561-2AA00 page
6ES7432-1HF00-0AB0	SIMATIC S7-400 analog output module	View 6ES7432-1HF00-0AB0 page

MANUFACTURER SOURCE RECORD

Siemens Micro Automation Set 24 Technical Documentation

Set24_DocTech_V1d1 / 21064023

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