

6ED1052-1HB08-0BA1

LOGO! 24RCE Logic Module with Display

Siemens 6ED1052-1HB08-0BA1 is a LOGO! 24RCE logic module with display, Ethernet, eight digital inputs and four relay outputs. It executes compact control logic and exchanges project data through the configured LOGO! network.

BRAND	Siemens	FAMILY	Siemens LOGO! 8 modular logic system
PART	6ED1052-1HB08-0BA1	SYSTEM ROLE	Executes programs containing up to 400 function blocks

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6ED1052-1HB08-0BA1

MANUFACTURER SOURCE RECORD

LOGO! 24RCE product record for 6ED1052-1HB08-0BA1
Siemens Industry Mall / SiePortal product data

Product Overview

SYSTEM FUNCTION

Siemens 6ED1052-1HB08-0BA1 is a LOGO! 24RCE logic module with display, Ethernet, eight digital inputs and four relay outputs. It executes compact control logic and exchanges project data through the configured LOGO! network.

FUNCTION 1

Executes programs containing up to 400 function blocks

FUNCTION 2

Provides eight digital inputs and four relay outputs

FUNCTION 3

Integrates Ethernet networking and a web server

FUNCTION 4

Supports standard microSD project and data handling

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Siemens LOGO! 8 modular logic system
Primary interface	Executes programs containing up to 400 function blocks
Engineering context	The module is installed on DIN rail and can be expanded using released LOGO! modules. Commissioning includes supply verification, input reference checks, relay-load review, project download, Ethernet and web-server configuration, time functions and controlled I/O testing.
Commissioning duty	Test all inputs, relays, interlocks and communications before automatic operation.

TECHNICAL NOTE

Mount 6ED1052-1HB08-0BA1 on a 35 mm DIN rail, isolate the 24 V AC/DC supply and record all eight input and four relay-output circuits before replacement. Restore the approved LOGO! Soft Comfort project, Ethernet settings and microSD data, then test every input, relay and programmed interlock.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Product designation	LOGO! 24RCE	Programming software	LOGO! Soft Comfort V8.3 or higher
Supply	24 V AC/DC	Mounting	35 mm DIN rail
Digital inputs	8	Rated DC supply	24 V DC
Relay outputs	4	Permissible DC range	20.4 to 28.8 V DC
Program capacity	400 blocks	Rated AC supply	24 V AC, 47 to 63 Hz
Ethernet interface	Integrated	Relay load, resistive	10 A maximum
Web server	Integrated	Relay load, inductive	3 A maximum
Memory card	Standard microSD		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SE7041-8HK85-1HA0	PER2 interface	View 6SE7041-8HK85-1HA0 page
6SE7041-8EK85-0HA0	PER3 interface	View 6SE7041-8EK85-0HA0 page
6SE7041-8GK85-0HA0	PER3 interface	View 6SE7041-8GK85-0HA0 page
6RA8075-6DS22-0AA0	DC converter	View 6RA8075-6DS22-0AA0 page
6ES7314-6BH04-0AB0	S7-300 CPU	View 6ES7314-6BH04-0AB0 page
6ES7223-1BL22-0XA0	S7-200 I/O	View 6ES7223-1BL22-0XA0 page
6AU1455-2AD00-0AA0	SIMOTION controller	View 6AU1455-2AD00-0AA0 page
6SL3120-2TE21-0AA4	motor module	View 6SL3120-2TE21-0AA4 page

ENGINEERING BOUNDARY

Confirm 6ED1052-1HB08-0BA1, LOGO! 24RCE hardware version, 24 V AC/DC supply, eight input and four relay circuits, DIN-rail mounting, expansion modules, microSD card, LOGO! Soft Comfort V8.3 project, Ethernet/web-server settings, grounding and controlled functional-test results before commissioning.

Applications and Precautions

Common Applications

Compact machine sequencing

Executes interlocks, timers and relay commands for small automated equipment.

Building-services control

Coordinates scheduled switching and local status functions through LOGO! logic.

Panel modernization

Replaces a documented LOGO! 24RCE position while preserving field wiring and project logic.

Networked utility control

Shares status and commands through the configured Ethernet interface and web server.

Product Precautions

- 1

Confirm the complete 6ED1052-1HB08-0BA1 article and installed LOGO! hardware version.
- 2

Back up the LOGO! Soft Comfort project, web pages and Ethernet configuration.
- 3

Isolate the 24 V AC/DC supply and every switched relay circuit.
- 4

Label eight input circuits, four relay outputs, commons and network cable.
- 5

Mount the replacement on 35 mm DIN rail and verify expansion-module alignment.
- 6

Keep relay loads within the documented resistive and inductive limits.
- 7

Restore the approved project, clock, network, web-server and microSD settings.
- 8

Test all inputs, relays, interlocks and communications before automatic operation.

IMPORTANT NOTICE

Confirm 6ED1052-1HB08-0BA1, LOGO! 24RCE hardware version, 24 V AC/DC supply, eight input and four relay circuits, DIN-rail mounting, expansion modules, microSD card, LOGO! Soft Comfort V8.3 project, Ethernet/web-server settings, grounding and controlled functional-test results before commissioning.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	6ED1052-1HB08-0BA1
Configuration	Restore the approved project, clock, network, web-server and microSD settings.
Functional release	Test all inputs, relays, interlocks and communications before automatic operation.

Engineer FAQ

Q1 What exact function does 6ED1052-1HB08-0BA1 perform as a LOGO! 24RCE Logic Module with Display?

It executes compact LOGO! control logic and operates the documented input, relay-output and Ethernet interfaces.

Q3 Which connection checks are required for 6ED1052-1HB08-0BA1?

Verify 24 V AC/DC supply, field commons, relay load isolation and the Ethernet connection.

Q5 Which diagnostic evidence should be reviewed for 6ED1052-1HB08-0BA1?

Review module status, input states, relay commands, communication state and application interlocks.

Q7 How should 6ED1052-1HB08-0BA1 be commissioned after installation?

Power up with relay loads controlled, verify the project and test every I/O point and network function.

Q2 Which host system must be confirmed before installing 6ED1052-1HB08-0BA1?

Confirm the documented Siemens LOGO! 8 modular logic system host and the complete 6ED1052-1HB08-0BA1 marking before work.

Q4 How should the installed configuration for 6ED1052-1HB08-0BA1 be preserved?

Restore the approved LOGO! Soft Comfort V8.3-or-later project, clock, web-server and network settings.

Q6 What must be recorded before replacing 6ED1052-1HB08-0BA1?

Record the article, hardware revision, project file, I/O map, microSD content and network settings.

Q8 Which model-specific limitation applies to 6ED1052-1HB08-0BA1?

Relay contacts must remain within the documented 10 A resistive and 3 A inductive limits.

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