

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	Siemens LOGO! 8 modular logic system
Part number	6ED1052-1HB08-0BA1
Product role	Executes programs containing up to 400 function blocks
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING 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.

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named Siemens product record and directly applicable manufacturer documentation.

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		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Siemens LOGO! 8 modular logic system
Primary system role	Executes programs containing up to 400 function blocks
Connection boundary	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.
Controlled acceptance duty	Compact machine sequencing

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.

Pre-Installation Checks

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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	6ED1052-1HB08-0BA1
Installed host	Siemens LOGO! 8 modular logic system
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

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

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Siemens LOGO! 8 modular logic system
2	24 V AC/DC
3	Compact machine sequencing
4	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.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Siemens LOGO! 8 modular logic system
Interface role	Executes programs containing up to 400 function blocks
Field / power 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 evidence	Test all inputs, relays, interlocks and communications before automatic operation.

Installation and Connection Checks

1Mount the replacement on 35 mm DIN rail and verify expansion-module alignment.

2Keep relay loads within the documented resistive and inductive limits.

3Restore the approved project, clock, network, web-server and microSD settings.

4Test all inputs, relays, interlocks and communications before automatic operation.

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

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.

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.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	6ED1052-1HB08-0BA1 recorded
Host / carrier	Siemens LOGO! 8 modular logic system
Physical interface	Executes programs containing up to 400 function blocks
Configuration	Restore the approved project, clock, network, web-server and microSD settings.
Functional proof	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.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	6ED1052-1HB08-0BA1
Approved role	Compact machine sequencing
Final validation	Test all inputs, relays, interlocks and communications before automatic operation.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3352-1AE37-5BA1	replacement power block	View 6SL3352-1AE37-5BA1 page
6SL3200-0SP01-0AA0	CIM PM-IF assembly	View 6SL3200-0SP01-0AA0 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

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