

6ED1052-1HB08-0BA1

LOGO! 24RCE Logic Module with Display

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

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.

STEP	GATE	ENGINEERING PURPOSE
01	IDENTIFY	Confirm article, host and hardware
02	ISOLATE	Secure power and stored energy
03	CONNECT	Restore documented interfaces
04	VALIDATE	Prove diagnostics and function

WORKBOOK PURPOSE

Field-ready identity, isolation, connection, commissioning and closeout records for this exact Siemens article.

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Installation Readiness Gate

Complete the identity, host-system and isolation checks before disturbing the installed hardware.

- 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.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	6ED1052-1HB08-0BA1
Host / carrier	Siemens LOGO! 8 modular logic system
Primary system role	Executes programs containing up to 400 function blocks
Acceptance boundary	Test all inputs, relays, interlocks and communications before automatic operation.
Source record	LOGO! 24RCE product record for 6ED1052-1HB08-0BA1

WORK AUTHORIZATION RECORD

Work order: _____

Drawing / revision: _____

Checked by: _____

Date: _____

Isolation and Access Register

CONTROL POINT	ENGINEER RECORD
Incoming supply	Isolated / proved
Stored energy	Discharged / proved
Field connections	Identified / protected
ESD control	Established / recorded

Pre-Work Documentation

DOCUMENT	ENGINEER RECORD
Connection photograph	Reference / file
Configuration backup	Reference / revision
Diagnostic baseline	Reference / result

Connection and Installation Sequence

INSTALLATION PRINCIPLE

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.

- 1 Mount the replacement on 35 mm DIN rail and verify expansion-module alignment.
- 2 Keep relay loads within the documented resistive and inductive limits.
- 3 Restore the approved project, clock, network, web-server and microSD settings.
- 4 Test all inputs, relays, interlocks and communications before automatic operation.

Connection Record

CONNECTION GROUP	AS-FOUND / AS-LEFT RECORD	STATUS
Power / field connection	Reference / terminal	Checked
Signal / interface	Reference / connector	Checked
Ground / shield	Reference / point	Checked
Accessory / carrier	Reference / part	Checked

MODEL-SPECIFIC RELEASE LIMIT

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.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	6ED1052-1HB08-0BA1
Host match	Siemens LOGO! 8 modular logic system
Connection proof	Keep relay loads within the documented resistive and inductive limits.
Configuration proof	Restore the approved project, clock, network, web-server and microSD settings.

Commissioning and Acceptance Record

Record each controlled verification step before the equipment returns to automatic operation.

NO.	ACCEPTANCE CHECK	RESULT	RECORD
1	Article and host identity	PASS / FAIL	Initial / date
2	Mechanical installation	PASS / FAIL	Initial / date
3	Power and field wiring	PASS / FAIL	Initial / date
4	Grounding and shielding	PASS / FAIL	Initial / date
5	Configuration restoration	PASS / FAIL	Initial / date
6	Signal or power-path response	PASS / FAIL	Initial / date
7	Diagnostics and alarms	PASS / FAIL	Initial / date
8	Final functional release	PASS / FAIL	Initial / date

Engineering Notes

RECORD AREA	ENGINEER ENTRY
As-found condition	
Corrective action	
As-left configuration	
Outstanding restriction	
Release authorization	

CONTROLLED COMMISSIONING

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

Diagnostics and Release Log

EVENT	ENGINEERING RECORD
Initial energization	Result / observation
Interface or signal response	Result / observation
Alarm and diagnostic review	Result / observation
Functional release	Name / date

Maintenance Verification and Closeout

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.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER 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
6SL3320-1TE33-1AA3	motor module	View 6SL3320-1TE33-1AA3 page
6SL3362-0AG00-0AA1	drive component	View 6SL3362-0AG00-0AA1 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

MANUFACTURER SOURCE RECORD

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

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