

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ED1052-2FB08-0BA2

LOGO! 230RCEo logic module

Technical data 6ED1052-2FB08-0BA2

Parameter	Value	Unit
Supply voltage	115/230 V AC/DC	V
Permissible supply range	85 to 265 V AC; 100 to 253 V DC	V
Permissible AC frequency	47 to 63 Hz	Hz
Digital inputs	8	
Digital outputs	4	
Relay load capacity	10 A resistive / 3 A inductive	A
Program memory	400 function blocks	
Communication	10/100 Mbit/s Ethernet; web server and MQTT	
Engineering software	LOGO!Soft Comfort V8.4 or higher	

SUPPLY

115/230 V AC/DC

INPUTS

8 digital

OUTPUTS

4 relay

SOFTWARE

V8.4+

Siemens 6ED1052-2FB08-0BA2 is a LOGO! 230RCEo basic module without display. It provides eight digital inputs, four relay outputs and 400 function blocks for 115/230 V AC/DC compact control applications.

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VERIFIED PRODUCT PARAMETERS

Display	No integrated display; LOGO! Pure
Supply voltage	115/230 V AC/DC
Permissible supply range	85 to 265 V AC; 100 to 253 V DC
Permissible AC frequency	47 to 63 Hz
Digital inputs	8; no high-speed or integrated analog inputs
Digital outputs	4 isolated relay outputs
Relay load capacity	10 A resistive / 3 A inductive; external fusing required
Program memory	400 function blocks
Communication	10/100 Mbit/s Ethernet; web server and MQTT
Engineering software	LOGO!Soft Comfort V8.4 or higher

Technical values were verified against Siemens A5E33039675-AL and A5E53808149-AA and the Siemens Industry Mall record for the exact article number.

02 MECHANICAL AND LIFECYCLE DATA

Housing dimensions (W x H x D)	71.5 x 90 x 58 mm
Mounting	35 mm DIN rail, four module widths; or wall mounting
Operating temperature	-20 to +55 degrees C; no condensation
Lifecycle	PM300: Active product (Siemens exact article record)

03 SYSTEM ROLE AND APPLICATIONS

Engineering requires LOGO!Soft Comfort V8.4 or higher. Ethernet, a web server, data logging, user-defined web pages, standard microSD cards and MQTT are supported. Application examples below describe LOGO! system roles, not preloaded machine programs.

- Conveyor sequencing with sensor interlocks and relay-controlled drives.
- Outdoor lighting with time schedules and field-input conditions.
- Coordinated pump-set control with separately engineered motor protection.

04 OFFICIAL INSTALLATION FACTS

- Verify the exact order number and no-display 230RCEo configuration.
- Isolate supply and load circuits; mount securely on a 35 mm DIN rail.
- Follow the AC/DC power diagram and connect functional earth (FE).
- Never mix AC phases within inputs I1-I4 or within inputs I5-I8.

05 OFFICIAL DOCUMENTATION

Siemens A5E33039675-AL and A5E53808149-AA

AMIKON PRODUCT SUPPORT

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