

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ED1052-2MD08-0BA2

LOGO! 12/24RCEo logic module

Siemens 6ED1052-2MD08-0BA2	
Supply voltage	12/24 V DC
Inputs	8 DI (4 AI)
Outputs	4 relay
Communication	Ethernet; integrated web server and MQTT
Program memory	400 function blocks
Engineering software	LOGO!Soft Comfort V8.4 or higher

SUPPLY

12/24 V DC

INPUTS

8 DI (4 AI)

OUTPUTS

4 relay

SOFTWARE

V8.4+

Siemens 6ED1052-2MD08-0BA2 is a LOGO! 12/24RCEo basic module without display. The 12/24 V DC unit combines eight digital inputs, four of which can be configured for 0 to 10 V analog signals, with four relay outputs.

01

VERIFIED PRODUCT PARAMETERS

Display	No integrated display; LOGO! Pure
Supply voltage	12/24 V DC; permissible range 10.8 to 28.8 V DC
Digital inputs	8 non-isolated inputs
Analog input assignment	0 to 10 V: I1=AI3, I2=AI4, I7=AI1, I8=AI2
Fast counter inputs	I3, I4, I5 and I6; maximum 5 kHz
Digital outputs	4 isolated relays; maximum 10 A per relay, load-dependent
Analog acquisition	300 ms; shielded twisted cable up to 10 m
Program memory	400 function blocks
Communication	Ethernet; integrated web server and MQTT
Engineering software	LOGO!Soft Comfort V8.4 or higher

02 MECHANICAL AND LIFECYCLE DATA

Housing dimensions (W x H x D)	71.5 x 90 x 58 mm
Module weight (manual)	Approx. 0.20 kg; LOGO! Pure relay-output type
Operating temperature	-20 to +55 degrees C; no condensation
Mounting	35 mm DIN rail, four module widths; or wall mounting

03 SYSTEM ROLE AND APPLICATIONS

LOGO!Soft Comfort V8.4 or higher supports engineering for this 400-block controller. Ethernet, web-server functions, data logging, microSD and MQTT support configured control and monitoring tasks; application examples require a validated site-specific program.

- Greenhouse irrigation sequences using configured sensor conditions and valve control.
- Step-switch fan control through appropriately rated external switching devices.
- Timed bell-system operation using a validated schedule and relay-load design.

04 OFFICIAL INSTALLATION FACTS

- Confirm the no-display 12/24RCEo model and isolate supply and load circuits.
- Mount on a 35 mm DIN rail; apply only 10.8 to 28.8 V DC and connect FE.
- Use a common reference potential for the non-isolated sensor inputs.
- Match analog terminals to the program; use shielded twisted cable, max. 10 m.

05 OFFICIAL DOCUMENTATION

Siemens A5E33039675-AL and A5E53808149-AA

AMIKON PRODUCT SUPPORT

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