AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ED1055-1FB00-0BA1

LOGO! DM8 230R Expansion Module

TYPE	REFERENCE	SCOPE	OPTIONS
LOGO! DM8 230R Expansion Module	**6ED1055-1FB00-0BA1**	**Exact-model data**	**Check order**

Siemens 6ED1055-1FB00-0BA1 is the LOGO! DM8 230R expansion module with four digital inputs and four relay outputs. This version adds 115/230 V input capability to a compatible LOGO! installation and uses relay contacts for switching connected loads.

01 DOCUMENTED PRODUCT REFERENCE

Mounting method	35 mm DIN rail, 2 spacing units wide
Permissible range, lower limit (DC)	100 V
Permissible range, upper limit (DC)	253 V
Permissible range, lower limit	47 Hz
Permissible range, upper limit	63 Hz
Number of digital inputs	4
Maximum signal-0 input current	0.03 mA
Typical signal-1 input current	0.08 mA

Siemens exact-model data sheet. Verify the complete supplied product identity.

02 TECHNICAL DATA

Maximum input transition delay, 0-to-1	50 ms
Maximum input transition delay, 1-to-0	125 ms
Rated output current, signal 1	5 A
Maximum switching frequency, resistive load	2 Hz
Maximum switching frequency, inductive load	0.5 Hz
Maximum mechanical switching frequency	10 Hz
IP degree of protection	IP20

03 APPLICATION AND CONFIGURATION

- Digital signal expansion within the compatible LOGO! configuration.
- Retain the complete 6ED1055-1FB00-0BA1 order code.
- Match the documented electrical, interface and environmental requirements.
- Consult the applicable wiring and installation instructions.
- Verify supplied-unit markings before installation.

04 OFFICIAL DOCUMENTATION

Siemens 6ED1055-1FB00-0BA1 Data Sheet

Source: Siemens official exact-model data sheet; 2 source page(s). Last modified: 9/25/2025.

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

AMIKON PRODUCT SUPPORT

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