MANUFACTURER DOCUMENT PACKAGE

# Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

## 6ED1055-1FB10-0BA2

**LOGO! DM16 230R EXPANSION MODULE**

Used with the applicable LOGO! configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens technical documentation for 6ED1055-1FB10-0BA2

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## Data sheet 6ED1055-1FB10-0BA2



LOGO! DM16 230R expansion module, PS/I/O: 230V/230V/relay, 4 MW, 8 DI/8 DO for LOGO! 8

| | |
|---|---|
| **Installation type/mounting** | |
| Mounting | on 35 mm DIN rail, 4 spacing units wide |
| **Supply voltage** | |
| Rated value (DC) | |
| ● 115 V DC | Yes |
| ● 230 V DC | Yes |
| permissible range, lower limit (DC) | 100 V |
| permissible range, upper limit (DC) | 253 V |
| Rated value (AC) | |
| ● 115 V AC | Yes |
| ● 230 V AC | Yes |
| Line frequency | |
| ● permissible range, lower limit | 47 Hz |
| ● permissible range, upper limit | 63 Hz |
| **Digital inputs** | |
| Number of digital inputs | 8 |
| Input voltage | |
| ● Type of input voltage | AC/DC |
| ● for signal "0" | < 40 V AC, < 30 V DC |
| ● for signal "1" | > 79 V AC, > 79 V DC |
| Input current | |
| ● for signal "0", max. (permissible quiescent current) | 0.06 mA; 0.05 mA with AC, 0.06 mA with DC |
| ● for signal "1", typ. | 0.13 mA |
| Input delay (for rated value of input voltage) | |
| for standard inputs | |
| — at "0" to "1", max. | 40 ms |
| — at "1" to "0", max. | 75 ms |
| **Digital outputs** | |
| Number of digital outputs | 8; Relays |
| Short-circuit protection | No |
| Controlling a digital input | Yes |
| Switching capacity of the outputs | |
| ● on lamp load, max. | 1 000 W; 500 W at 115V AC |
| Output current | |
| ● for signal "1" rated value | 5 A |
| ● for signal "1" minimum load current | 100 mA |
| Parallel switching of two outputs | |
| ● for uprating | No |
| Switching frequency | |
| ● with resistive load, max. | 2 Hz |


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