



## Data sheet

**6ED1055-1FB00-0BA2**



LOGO! DM8 230R, EXP. MODULE, PU//O: 230V/230V/RELAIS, 2TE, 4 DI/4 DO FOR LOGO! 8

### Installation type/mounting

Mounting on 35 mm DIN rail, 2 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, upper limit | 63 Hz |
|----------------------------------|-------|

### Digital inputs

Number of digital inputs 4

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.                                 | 0.37 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	4; 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

Parallel switching of 2 outputs	
• for increased power	No

Switching frequency	
• with resistive load, max.	2 Hz
• with inductive load, max.	0.5 Hz
• mechanical, max.	10 Hz

Relay outputs	
Switching capacity of contacts	
— with inductive load, max.	3 A
— with resistive load, max.	5 A

### EMC

Emission of radio interference acc. to EN 55 011	
• Limit class B, for use in residential areas	Yes

### Degree and class of protection

Degree of protection to EN 60529	
• IP20	Yes

### Standards, approvals, certificates

CSA approval	Yes
UL approval	Yes
FM approval	Yes
Developed in accordance with IEC 61131	Yes
according to VDE 0631	Yes
Marine approval	
• Marine approval	Yes

### Ambient conditions

Ambient temperature in operation	
• Min.	0 °C
• max.	55 °C

### Dimensions

Width	35.5 mm
Height	90 mm
Depth	58 mm
<b>last modified:</b>	23.04.2015