

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



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, lower limit 47 Hz
- permissible range, upper limit 63 Hz

Digital inputs

Number of digital inputs 4

Input voltage

- Type of input voltage AC/DC

| Input current | |
|--|-----------|
| • for signal "0", max. (permissible quiescent current) | 0.03 mA |
| • for signal "1", typ. | 0.08 mA |
| Input delay (for rated value of input voltage) | |
| for standard inputs | |
| — at "0" to "1", max. | 50 ms |
| — at "1" to "0", max. | 125 ms |
| Digital outputs | |
| Number of digital outputs | 4; Relays |
| Short-circuit protection | No |
| Output current | |
| • for signal "1" rated value | 5 A |
| Parallel switching of two outputs | |
| • for uprating | 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 acc. to EN 60529 | |
| • IP20 | Yes |
| Standards, approvals, certificates | |
| CE mark | Yes |
| CSA approval | Yes |
| UL approval | Yes |
| FM approval | Yes |
| developed in accordance with IEC 61131 | Yes |
| according to VDE 0631 | Yes |
| Marine approval | Yes |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |

• max.

55 °C

Dimensions

Width 36 mm; 2 DU

Height 90 mm

Depth 55 mm

last modified: 10/26/2017