24 Vac/dc SPDT relay modules universal control voltage

- DC and AC control voltage
- Positive or negative control voltage
- Status LED display
- Pluggable relay

### VERSIONS

<table>
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<th>4 relay module</th>
<th>8 relay module</th>
<th>16 relay module</th>
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<td>R41EAD</td>
<td>R81EAD</td>
<td>R161EAD</td>
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### INPUT TECHNICAL DATA

- **Rated voltage**: 24 Vac/dc ± 10%
- **Rated current (1 channel)**: 22 mA ± 10%
- **Turn ON time**: 15 ms
- **Turn OFF time**: 5 ms
- **Protection circuit**: Damping diode and bridge rectifier

### OUTPUT TECHNICAL DATA

- **Type and number of contacts**: SPDT AgSnO2
- **Nominal load (resistive)**: 12 A / 250 Vac
- **Current breaking power**: 12 A
- **Current of the fuse max.**: —

### GENERAL TECHNICAL DATA

- **Operating temperature range**: -10...+50°C
- **Coil/contact isolation**: 1 kV/ac / 60 s
- **Isolation between output terminals**: 1 kV/ac / 60 s (between open contact)
- **Protection degree**: IP 00 IEC 529, EN60529
- **Overvoltage category / Pollution degree**: III / 2
- **Reference Standard**: IEC 664-1, DIN VDE 0110.1
- **Status display**: Green LED / yellow LED
- **Connection terminal**: UL3494-0 plastic material
- **Housing material**: 2.5 mm² fixed screw type
- **Approx. weight**: 192 g (6.76 oz)
- **Mounting information**: Vertical on rail adjacent without gap

### MOUNTING ACCESSORIES

- **Mounting rail type according to IEC60715/TH35**: PR/3/AC, PR/3/AC/2B, PR/3/AS, PR/3/AS/2B
- **Mounting rail type according to IEC60715/G32**: PR/DIN/AC - PR/DIN/AS - PR/DIN/AL
- **Replacement relay (1)**: Cat. No. 8904001

### POWER SUPPLY

| A1 = + | A2 = –  | negative common |
| A1 = – | A2 = +  | positive common |
| A1 = ~ | A2 = ~  | AC power supply |

### NOTES

- The height dimension includes 35 mm DIN rail.
- (1) Relay model is not binding, they may be modified without prior warning. The technical data shown here is to be considered typical.
- (2) Version available upon request.

### BLOCK DIAGRAM

- **4 relay module**
- **8 relay module**
- **16 relay module**