

\*\*\* Spare part \*\*\* LOGO! AM2 RTD expansion module, PS: 12/24 V DC, 2AI-50...+200 °C Pt100/1000



### Installation type/mounting

Mounting on 35 mm DIN rail, 2 spacing units wide

### Supply voltage

Rated value (DC)

- 12 V DC Yes; 10.8 V DC to 28.8 V DC
- 24 V DC Yes; 10.8 V DC to 28.8 V DC

### Input current

Current consumption, typ. 40 mA

### Analog inputs

Number of analog inputs 2; 2 or 3 wire connection

Input ranges

- Voltage No
- Current No
- Resistance thermometer Yes; For PT100/PT1000 sensors

Input ranges (rated values), voltages

- 0 to +10 V No

Input ranges (rated values), currents

• 0 to 20 mA	No
<b>Input ranges (rated values), resistance thermometer</b>	
• Pt 100	Yes

### EMC

<b>Emission of radio interference acc. to EN 55 011</b>	
• Limit class B, for use in residential areas	Yes; Radio interference suppression according to EN55011, Limit Value Class B

### Degree and class of protection

<b>Degree of protection acc. to EN 60529</b>	
• IP20	Yes

### Standards, approvals, certificates

CE mark	Yes
CSA approval	Yes; C22.2 Number 142
UL approval	Yes; UL 508
FM approval	Yes; FM-Standards No. 3611, 3600, 3810 Class I, Division 2, Group A, B, C, D
developed in accordance with IEC 61131	Yes; EN 61131-2 (IEC 1131-2)
Marine approval	Yes; ABS, BV, DNV, GL, LRS, Class NK

### Ambient conditions

<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	55 °C

### Dimensions

Width	36 mm
Height	90 mm
Depth	53 mm

**last modified:** 11/13/2019