

\*\*\* 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
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
Input ranges (rated values), resistance thermometer	
• Pt 100	Yes

## EMC

### Emission of radio interference acc. to EN 55 011

- |                                               |                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------|
| • Limit class B, for use in residential areas | Yes; Radio interference suppression according to EN55011, Limit Value Class B |
|-----------------------------------------------|-------------------------------------------------------------------------------|

## Degree and class of protection

### Degree of protection acc. to EN 60529

- |        |     |
|--------|-----|
| • 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

### Ambient temperature during operation

- |        |       |
|--------|-------|
| • min. | 0 °C  |
| • max. | 55 °C |

## Dimensions

Width	36 mm
Height	90 mm
Depth	53 mm

**last modified:** 04/12/2019