

LOGO! AM2 RTD EXPAN. MODULE, PU: DC 12/24V, 2AI, -50 ...
+200 DEGR/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

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|--|--|
| 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: 05/23/2017