

LOGO! AM2 RTD expansion module, PS: 12/24 V DC, 2AI-50...+200°C Pt100/1000 for LOGO! 8



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. 30 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
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

Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
UL approval	Yes
FM approval	Yes
developed in accordance with IEC 61131	Yes
Marine approval	Yes

Ambient conditions	
Ambient temperature during operation	
• min.	0 °C; ES03 and higher: -20 °C
• max.	55 °C

Dimensions	
Width	35.5 mm
Height	90 mm
Depth	58 mm
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