

LOGO! AM2 expansion module, PS/: 12/24 V DC, 2 AI, 0-10 V or 0/4-20 mA 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

#### Input ranges

- Voltage Yes
- Current Yes
- Resistance thermometer No

#### Input ranges (rated values), voltages

- 0 to +10 V Yes

#### Input ranges (rated values), currents

• 0 to 20 mA	Yes; 0 mA or 4 mA to 20 mA
<b>Input ranges (rated values), resistance thermometer</b>	
• Pt 100	No

### EMC

<b>Emission of radio interference acc. to EN 55 011</b>	
• Limit class B, for use in residential areas	Yes

### 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
UL approval	Yes
FM approval	Yes
developed in accordance with IEC 61131	Yes
according to VDE 0631	Yes
Marine approval	Yes

### Ambient conditions

<b>Ambient temperature during operation</b>	
• min.	0 °C; ES03 and higher: -20 °C
• max.	55 °C

### Dimensions

Width	35.5 mm
Height	90 mm
Depth	58 mm

**last modified:** 01/23/2020