



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              |
| Input ranges (rated values), resistance thermometer |   |
| • Pt 100  | No                                      |
| EMC   |   |
| Emission of radio interference acc. to EN 55 011    |   |
| • Limit class B, for use in residential areas       | Yes                                     |
| Degree and class of protection                      |   |
| IP degree of protection                             | IP20                                    |
| 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                                  |   |
| 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   |

**last modified:** 3/12/2021 