



LOGO! AM2 expansion module, PS/: 12/24 V DC, 2 AI, 0-10 V or 0/4-20 mA for LOGO! 8



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| 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 