



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                                     |
| Ecological footprint   |   |
| • environmental product declaration                                  | Yes                                     |
| Global warming potential   |   |
| — global warming potential, (total) [CO <sub>2</sub> eq]             | 16.5 kg                                 |
| — global warming potential, (during production) [CO <sub>2</sub> eq] | 3.22 kg                                 |

|  |           |
|--|-----------|
| — global warming potential, (during operation) [CO2 eq]        | 13.4 kg   |
| — global warming potential, (after end of life cycle) [CO2 eq] | -0.124 kg |

#### Ambient conditions

|                                      |                         |
|--------------------------------------|-------------------------|
| Ambient temperature during operation |                         |
| • min.                               | -20 °C; No condensation |
| • max.                               | 55 °C                   |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 35.5 mm |
| Height | 90 mm   |
| Depth  | 58 mm   |

#### Classifications

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-24-22-01    |
| eClass | 12      | 27-24-22-01    |
| eClass | 9.1     | 27-24-22-01    |
| eClass | 9       | 27-24-22-01    |
| eClass | 8       | 27-24-22-01    |
| eClass | 7.1     | 27-24-22-01    |
| eClass | 6       | 27-24-22-01    |
| ETIM   | 10      | EC001420       |
| ETIM   | 9       | EC001420       |
| ETIM   | 8       | EC001420       |
| ETIM   | 7       | EC001420       |
| IDEA   | 4       | 3562           |
| UNSPSC | 15      | 32-15-17-05    |

#### Approvals / Certificates

##### General Product Approval



[Manufacturer Declaration](#)

[Miscellaneous](#)



##### General Product Approval

[Metrological Approval](#)



[China RoHS](#)

[Manufacturer Declaration](#)

##### For use in hazardous locations

[CCC-Ex](#)



[FM](#)



##### Maritime application

##### Maritime application



[NK / Nippon Kaiji Kyokai](#)

[CCS \(China Classification Society\)](#)

[KR \(Korean Register of Shipping\)](#)

##### Environment



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