



LOGO! AM2 AQ expansion module, PS: 24 V DC, 2 AO, 0-10 V, 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)                                               | 24 V                                    |
| Analog outputs                                                 |                                         |
| Number of analog outputs                                       | 2                                       |
| Output ranges, voltage                                         |                                         |
| • 0 to 10 V                                                    | Yes                                     |
| Output ranges, current                                         |                                         |
| • 0 to 20 mA                                                   | Yes                                     |
| • 4 mA to 20 mA                                                | Yes                                     |
| 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) [CO2 eq]                   | 16.5 kg                                 |
| — global warming potential, (during production) [CO2 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 | EMV |



[China RoHS](#)



[Miscellaneous](#)

[KC](#)

last modified:

7/2/2025