SIEMENS

## Data sheet 6ED1055-1MD00-0BA1

*** Spare part *** LOGO! AM2 RTD expansion module, PS: 12/24 V DC, 2AI-50...+200 °/C Pt100/1000

| | |
|---|---|
| **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. | 40 mA |
| **Analog inputs** | |
| Number of analog inputs | 2; 2 or 3 wire connection |
| Input ranges | |
| ● Voltage | No |
| ● Current | No |
| ● Resistance thermometer | Yes; For PT100/PT1000 sensors |
| Input ranges (rated values), voltages | |
| ● 0 to +10 V | No |
| Input ranges (rated values), currents | |
| ● 0 to 20 mA | No |
| Input ranges (rated values), resistance thermometer | |
| ● Pt 100 | Yes |
| **EMC** | |
| Emission of radio interference acc. to EN 55 011 | |
| ● Limit class B, for use in residential areas | Yes; Radio interference suppression according to EN55011, Limit Value Class B |
| **Degree and class of protection** | |
| IP degree of protection | IP20 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| CSA approval | Yes; C22.2 Number 142 |
| UL approval | Yes; UL 508 |
| FM approval | Yes; FM-Standards No. 3611, 3600, 3810 Class I, Division 2, Group A, B, C, D |
| developed in accordance with IEC 61131 | Yes; EN 61131-2 (IEC 1131-2) |
| Marine approval | Yes; ABS, BV, DNV, GL, LRS, Class NK |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | 0 °C |
| ● max. | 55 °C |
| **Dimensions** | |
| Width | 36 mm |
| Height | 90 mm |


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|---|---|
| Depth | 53 mm |

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