## **SIEMENS**

## **Data sheet**

## 6ED1055-1MD00-0BA2



LOGO! AM2 RTD expansion module, PS: 12/24 V DC, 2AI-50...+200°/C Pt100/1000 for LOGO!  $8\,$ 

Installation type/mounting  Mounting  on 35 mm DIN rail, 2 spacing units wide  Supply voltage  Rated value (DC)  • 12 V DC  • 24 V DC  Input current  Current consumption, typ.  Analog inputs  Number of analog inputs  Input ranges  • Voltage  • Current  Resistance thermometer  Input ranges (rated values), voltages  • 0 to +10 V  Input ranges (rated values), currents	
Rated value (DC)  • 12 V DC  • 24 V DC  • 24 V DC  Input current  Current consumption, typ.  Analog inputs  Number of analog inputs  • Voltage  • Current  • Resistance thermometer  Input ranges (rated values), voltages  • 0 to +10 V  No  Yes; 10.8 V DC to 28.8 V DC  No  Yes; 10.8 V DC to 28.8 V DC  Input current  Ves; 10.8 V DC to 28.8 V DC  Input current  Yes; 10.8 V DC to 28.8 V DC  Input current  No  No	
Rated value (DC)  • 12 V DC  • 24 V DC  • 24 V DC  Input current  Current consumption, typ.  Analog inputs  Number of analog inputs  2; 2 or 3 wire connection  Input ranges  • Voltage  • Current  Resistance thermometer  Input ranges (rated values), voltages  • 0 to +10 V  No  Yes; 10.8 V DC to 28.8 V DC  Yes; 10.8 V DC to 28.8 V DC  Yes; 10.8 V DC to 28.8 V DC  Yes; 2 or 3 wire connection  No  Analog inputs  2; 2 or 3 wire connection  No  No  No	
<ul> <li>• 12 V DC</li> <li>• 24 V DC</li> <li>Yes; 10.8 V DC to 28.8 V DC</li> </ul> Input current Current consumption, typ. 30 mA Analog inputs Number of analog inputs <ul> <li>2; 2 or 3 wire connection</li> </ul> Input ranges <ul> <li>• Voltage</li> <li>• Current</li> <li>• Resistance thermometer</li> <li>Input ranges (rated values), voltages</li> <li>• 0 to +10 V</li> </ul> No <ul> <li>No</li> </ul> No <ul> <li>No <ul> <li>No</li> </ul> No <ul> <li>No</li> </ul> No <ul> <li>No</li> </ul> No <ul> <li>No <ul> <li>No</li> </ul> No <ul> <li>No</li> </ul> No <ul> <li>No <ul> <li>No</li> </ul> No <ul> <li>No <ul> <li>No</li> </ul> No <ul> <li>No <ul> <li>No</li> </ul> No <ul> <li>No</li> </ul> No <ul> <li>No <ul> <li>No</li> </ul> No <ul> <li>No</li> </ul> No <ul> <li>No</li> </ul> No <ul> <li>No</li> </ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul>	
● 24 V DC  Input current  Current consumption, typ.  Analog inputs  Number of analog inputs  2; 2 or 3 wire connection  Input ranges  ● Voltage  ● Current  ● Resistance thermometer  Input ranges (rated values), voltages  ● 0 to +10 V  No  Yes; 10.8 V DC to 28.8 V DC  Yes; 10.8 V DC to 28.8 V DC  Yes; For PT to 28.8 V DC  No  No  No  No  No  No  No  No  No  N	
Input current Current consumption, typ. 30 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	
Current consumption, typ.  Analog inputs  Number of analog inputs  1	
Analog inputs  Number of analog inputs  2; 2 or 3 wire connection  Input ranges  Voltage  Voltage  Current  Resistance thermometer  Input ranges (rated values), voltages  0 to +10 V  No	
Number of analog inputs  2; 2 or 3 wire connection  Input ranges  • Voltage  • Current  • Resistance thermometer  Input ranges (rated values), voltages  • 0 to +10 V  No	
Input ranges  • Voltage  • Current  • Resistance thermometer  Input ranges (rated values), voltages  • 0 to +10 V  No	
<ul> <li>Voltage</li> <li>Current</li> <li>Resistance thermometer</li> <li>Input ranges (rated values), voltages</li> <li>0 to +10 V</li> <li>No</li> <li>No</li> </ul>	
<ul> <li>Current</li> <li>Resistance thermometer</li> <li>Input ranges (rated values), voltages</li> <li>0 to +10 V</li> <li>No</li> </ul>	
<ul> <li>Resistance thermometer</li> <li>Input ranges (rated values), voltages</li> <li>0 to +10 V</li> <li>No</li> </ul>	
Input ranges (rated values), voltages  ◆ 0 to +10 V  No	
• 0 to +10 V No	
Input ranges (rated values) currents	
riput rangos (rates values), surremo	
• 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	
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	
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:	₫