

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ED1055-1MD00-0BA1

LOGO! AM2 RTD ANALOG EXPANSION MODULE

Used with the applicable LOGO! modular expansion configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official documentation applicable to 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
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
Depth	53 mm
last modified:	05/09/2020 