MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ED1055-1MA00-0BA2

LOGO! AM2 ANALOG INPUT EXPANSION MODULE

Used with the applicable LOGO! 8 modular logic modules configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Official Siemens technical documentation for 6ED1055-1MA00-0BA2

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Data sheet 6ED1055-1MA00-0BA2



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
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

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Depth	58 mm

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