



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
Ecological footprint	
• environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO <sub>2</sub> eq]	16.5 kg
— global warming potential, (during production) [CO <sub>2</sub> eq]	3.22 kg
— global warming potential, (during operation) [CO <sub>2</sub>	13.4 kg

eq]

— 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

last modified:

12/17/2024 



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	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; 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
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
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.
- max.

-20 °C; No condensation

55 °C

#### Dimensions

Width

35.5 mm

Height

90 mm

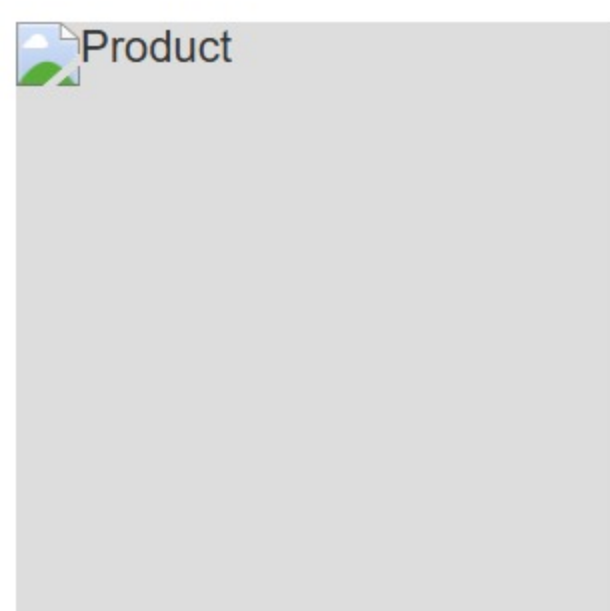
Depth

58 mm

last modified:

12/10/2024 

# 6ED1055-1MA00-0BA0



\*\*\* Spare part \*\*\* LOGO! AM2 expansion module, PS/: 12/24 V DC, 2 AI, 0-10 V or 0-20 mA

## Notes

Product was deleted without replacement  
If you need assistance please contact our local Siemens office

List Price [> Show prices](#)

**Customer Price** [> Show prices](#)

DataSheet in PDF [PDF Download](#)

Service & Support (Manuals, Certificates, FAQs...) [Download](#)

[> Image gallery and data for M-CAD and E-CAD \(4\) \(4\)](#)

## Product

Article Number (Market Facing Number)	6ED1055-1MA00-0BA0
Product Description	*** Spare part *** LOGO! AM2 expansion module, PS/: 12/24 V DC, 2 AI, 0-10 V or 0-20 mA
Product family	Not available
Product Lifecycle (PLM)	PM500:Discontinued Product or end of PLM & Support
PLM Effective Date	End of product lifecycle since: 30.09.2023
Notes	Product was deleted without replacement If you need assistance please contact our local Siemens office

## Price data

Region Specific PriceGroup / Headquarter Price Group	S20 / 2ET
List Price	<a href="#">&gt; Show prices</a>
Customer Price	<a href="#">&gt; Show prices</a>
Surcharge for Raw Materials	None
Metal Factor	None

## Delivery information

Export Control Regulations	ECCN : EAR99H / AL : N
Estimated dispatch time (Working Days)	1 Day/Days
Net Weight (kg)	0,137 Kg
Packaging Dimension	5,70 x 9,60 x 7,10
Package size unit of measure	CM
Quantity Unit	0 Piece
Packaging Quantity	1

## Additional Product Information

EAN	4025515067207
UPC	Not available
Commodity Code	85389091
LKZ_FDB/ CatalogID	ST9-E5
Product Group	4254
Group Code	R131
Country of origin	China
Compliance with the substance restrictions according to RoHS directive	Since: 30.11.2006
Product class	A: Standard product which is a stock item could be returned within the returns guidelines/period.
WEEE (2012/19/EU) Take-Back Obligation	Yes
REACH Art. 33 Duty to inform according to the current list of candidates	<a href="#">▶ Lead CAS-No. 7439-92-1 &gt; 0, 1 % (w / w)</a> <a href="#">▶ Lead monoxide (lead ... CAS-No. 1317-36-8 &gt; 0, 1 % (w / w)</a> <a href="#">▶ Lead titanium zircon... CAS-No. 12626-81-2 &gt; 0, 1 % (w / w)</a>
SCIP number	Not available

## Classifications

Not available

LOGO! AM2 PT100 EXPAN. MODULE, PU: DC 12/24V, 2AI, PT100 -50 ... +200 DEGR/C

No picture available

**Notes**

Product was deleted without replacement  
If you need assistance please contact our local Siemens office

List Price	> Show prices
<b>Customer Price</b>	> Show prices
DataSheet in PDF	 Download
Service & Support (Manuals, Certificates, FAQs...)	 Download

**Product**

Article Number (Market Facing Number)	6ED1055-1MD00-0BA0
Product Description	LOGO! AM2 PT100 EXPAN. MODULE, PU: DC 12/24V, 2AI, PT100 -50 ... +200 DEGR/C
Product family	Not available
Product Lifecycle (PLM)	PM500:Discontinued Product or end of PLM & Support
PLM Effective Date	End of product lifecycle since: 02.06.2010
Notes	Product was deleted without replacement If you need assistance please contact our local Siemens office


**Price data**

Region Specific PriceGroup / Headquarter Price Group	200 / 200
List Price	> Show prices
Customer Price	> Show prices
Surcharge for Raw Materials	None
Metal Factor	None

**Delivery information**

Export Control Regulations	ECCN : N / AL : N
Estimated dispatch time (Working Days)	1 Day/Days
Net Weight (kg)	0,120 Kg
Packaging Dimension	7,20 x 9,80 x 5,60
Package size unit of measure	CM
Quantity Unit	0 Piece
Packaging Quantity	1

**Additional Product Information**

EAN	4025515068112
UPC	Not available
Commodity Code	85389091
LKZ_FDB/ CatalogID	ST9.LOGO!
Product Group	4071
Group Code	R111
Country of origin	China
Compliance with the substance restrictions according to RoHS directive	Since: 30.11.2006
Product class	D: products made to order / customer's specifications, requiring engineering services, which cannot be re-used or utilized (design to customer)
WEEE (2012/19/EU) Take-Back Obligation	-
REACH Art. 33 Duty to inform according to the current list of candidates	 Reach Information
SCIP number	Not available

**Classifications**

Not available