



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) [CO2 eq]	16.5 kg
— global warming potential, (during production) [CO2 eq]	3.22 kg
— global warming potential, (during operation) [CO2	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

Classifications

	Version	Classification
eClass	14	27-24-22-01
eClass	12	27-24-22-01
eClass	9.1	27-24-22-01
eClass	9	27-24-22-01
eClass	8	27-24-22-01
eClass	7.1	27-24-22-01
eClass	6	27-24-22-01
ETIM	9	EC001420
ETIM	8	EC001420
ETIM	7	EC001420
IDEA	4	3562
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

Manufacturer Declaration

EG-Konf.



UL

[KC](#)

[Metrological Approval](#)

General Product Approval	For use in hazardous locations	Marine / Shipping
 RCM	KC	 CQC
	FM	FM
		 ABS

Marine / Shipping


BUREAU VERITAS


DNV


LRS

[NK / Nippon Kaiji Kyokai](#)

[CCS \(China Classification Society\)](#)


KR

Environment


EPD