

SIPLUS LOGO! AM2 AQ -40...+70 °C start up -25°C with conformal coating based on 6ED1055-1MM00-0BA2 . Expansion module, PS: 24 V DC, 2 AO, 0-10 V, 0/4-20 mA for LOGO! 8



Figure similar

Installation type/mounting	
Mounting	on 35 mm DIN rail, 2 spacing units wide
Supply voltage	
Rated value (DC)	
• 12 V DC	No
• 24 V DC	Yes
Analog outputs	
Number of analog outputs	2
Output ranges, voltage	
• 0 to 10 V	Yes
Output ranges, current	
• 0 to 20 mA	Yes
• 4 mA to 20 mA	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

Degree of protection acc. to EN 60529

- IP20

Yes

Standards, approvals, certificates

CE mark

Yes

developed in accordance with IEC 61131

Yes

according to VDE 0631

Yes

Marine approval

Yes

Ambient conditions

Ambient temperature during operation

- min.

-40 °C; = Tmin; Startup @ -25 °C

- max.

70 °C; = Tmax

- At cold restart, min.

-25 °C

Ambient temperature during storage/transportation

- min.

-40 °C

- max.

70 °C

Altitude during operation relating to sea level

- Installation altitude above sea level, max.

5 000 m

- Ambient air temperature-barometric pressure-altitude

Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax -20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)

Relative humidity

- With condensation, tested in accordance with IEC 60068-2-38, max.

100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation

Resistance

Coolants and lubricants

- Resistant to commercially available coolants and lubricants

Yes; Incl. diesel and oil droplets in the air

Use in stationary industrial systems

- to biologically active substances according to EN 60721-3-3

Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request

- to chemically active substances according to EN 60721-3-3

Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *

- to mechanically active substances according to EN 60721-3-3

Yes; Class 3S4 incl. sand, dust, *

Use on ships/at sea

- to biologically active substances according to EN 60721-3-6

Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request

- to chemically active substances according to EN 60721-3-6

Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *

- to mechanically active substances according to EN 60721-3-6

Yes; Class 6S3 incl. sand, dust; *

Remark	
— Note regarding classification of environmental conditions acc. to EN 60721	* The supplied plug covers must remain in place over the unused interfaces during operation!
Conformal coating	
<ul style="list-style-type: none"> • Coatings for printed circuit board assemblies acc. to EN 61086 • Military testing according to MIL-I-46058C, Amendment 7 	<p>Yes; Class 2 for high availability</p> <p>Yes; Discoloration of coating possible during service life</p>
Dimensions	
Width	35.5 mm
Height	90 mm
Depth	58 mm
last modified:	12/25/2018