

SIPLUS LOGO! AM2 RTD -40 ... 70 °C start-up -25 °C with conformal coating based on 6ED1055-1MD00-0BA2 . extens. module, PS: 12/24 V DC, 2AI-50...+200 °C Pt100/1000 for LOGO! 8

Installation type/mounting

Mounting on 35 mm DIN rail, 4 spacing units wide

Analog inputs

Number of analog inputs 0

Input ranges

- 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

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

Ambient conditions

Ambient temperature during operation

- min. -20 °C; = Tmin; Startup @ -20 °C
- max. 70 °C; Tmax; Tmax > +55 °C max. load 1 A per relay
- At cold restart, min. 0 °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. 3 000 m

<ul style="list-style-type: none"> • Ambient air temperature-barometric pressure-altitude 	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... Tmax -5K at 795 hPa ... 701 hPa (+2 000 m ... +3 000 m)
Relative humidity	
<ul style="list-style-type: none"> • 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; *
from supply voltage 1L+	
— Note regarding classification of environmental conditions acc. to EN 60721	* The supplied plug covers must remain in place over the unused interfaces during operation!
Dimensions	
Width	71.5 mm
Height	90 mm
Depth	60 mm
last modified:	05/19/2018