

SIPLUS LOGO! 12/24RCEO -40...+70 °C start-up -25 °C with conformal coating based on 6ED1052-2md00-0BA8 . logic module PS/I/O: 12/DC 24V/relay 8 DI (4AI)/4 DO, without display, Memory 400 blocks, modular expandable, Ethernet integr. web server, data log, standard microSD card for LOGO! SOFT Comfort V8 or higher older projects executable



Figure similar

Installation type/mounting	
Mounting	on 35 mm DIN rail, 4 spacing units wide
Supply voltage	
Rated value (DC)	
• 115 V DC	Yes
• 230 V DC	Yes
permissible range, lower limit (DC)	100 V
permissible range, upper limit (DC)	253 V
Rated value (AC)	
• 115 V AC	Yes
• 230 V AC	Yes
Line frequency	
• permissible range, lower limit	47 Hz
• permissible range, upper limit	63 Hz
Time of day	
Time switching clocks	

- Number 190
- Power reserve 480 h

### Digital inputs

Number of digital inputs 8

### Digital outputs

Number of digital outputs 4; Relays

Short-circuit protection No; external fusing necessary

### Relay outputs

#### Switching capacity of contacts

- with inductive load, max. 3 A
- with resistive load, max. 10 A

### 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
- 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

- 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

<b>Use in stationary industrial systems</b>	
— 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, *
<b>Use on ships/at sea</b>	
— 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; *
<b>from supply voltage 1L+</b>	
— Note regarding classification of environmental conditions acc. to EN 60721	* The supplied plug covers must remain in place over the unused interfaces during operation!

<b>Dimensions</b>	
Width	71.5 mm
Height	90 mm
Depth	60 mm
<b>last modified:</b>	05/19/2018