



SIPLUS LOGO! 24CEO -40...+70°C start up -25°C with conformal coating based on 6ED1052-2CC08-0BA0 . logic module, without display, PS/I/O: 24 V/24 V/24 V trans., 8 DI (4AO)/4DO, memory 400 blocks, modularly expandable, Ethernet, integr. web server, data log, user-defined web pages, standard microSD card for LOGO! SOFT Comfort V8 or higher, older projects can be run

Figure similar

Installation type/mounting	
Mounting	on 35 mm DIN rail, 4 spacing units wide
Supply voltage	
Rated value (DC)	Yes
<ul style="list-style-type: none"> • 24 V DC 	
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Time of day	
Time switching clocks	
<ul style="list-style-type: none"> • Number 	400; Max. 400, function-specific
<ul style="list-style-type: none"> • Power reserve 	480 h
Digital inputs	
Number of digital inputs	8; Of which 4 can be used in analog mode (0 to 10 V)
Digital outputs	
Number of digital outputs	4; Transistor
Short-circuit protection	Yes; electrical (1 A)

Output current	
<ul style="list-style-type: none"> for signal "1" permissible range for 0 to 55 °C, max. 	0.3 A
EMC	
Emission of radio interference acc. to EN 55 011	
<ul style="list-style-type: none"> Limit class B, for use in residential areas 	Yes; Radio interference suppression according to EN55011, Limit Value Class B
Degree and class of protection	
Degree of protection acc. to EN 60529	
<ul style="list-style-type: none"> IP20 	Yes
Standards, approvals, certificates	
CE mark	
	Yes
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> min. max. At cold restart, min. 	<p>-40 °C; = Tmin</p> <p>70 °C; Tmax; Tmax > +55 °C max. load 0.2 A per output</p> <p>-25 °C; incl. condensation / frost permitted (no commissioning under condensation conditions)</p>
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> min. max. 	<p>-40 °C</p> <p>70 °C</p>
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> Installation altitude above sea level, max. Ambient air temperature-barometric pressure-altitude 	<p>5 000 m</p> <p>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)</p>
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	
<ul style="list-style-type: none"> Resistant to commercially available coolants and lubricants 	Yes; Incl. diesel and oil droplets in the air
Use in stationary industrial systems	
<ul style="list-style-type: none"> to biologically active substances according to EN 60721-3-3 to chemically active substances according to EN 60721-3-3 to mechanically active substances according to EN 60721-3-3 	<p>Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request</p> <p>Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *</p> <p>Yes; Class 3S4 incl. sand, dust, *</p>
Use on ships/at sea	

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

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

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

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

- Coatings for printed circuit board assemblies acc. to EN 61086
- Military testing according to MIL-I-46058C, Amendment 7

Yes; Class 2 for high availability

Yes; Discoloration of coating possible during service life

Dimensions

Width	71.5 mm
Height	90 mm
Depth	58 mm
last modified:	12/25/2018