



Figure similar

SIPLUS LOGO! 24RCEO (AC) based on 6ED1052-2HB08-0BA2 with conformal coating -40...+70 °C startup -25 °C . logic module power supply / I/O: DC 24 V DC/24 V AC/relay, 8 DI/4 DO without display, memory 400 blocks, modularly expandable Ethernet, integrated web server, data log, user-defined web pages, standard microSD card for LOGO! Soft Comfort V8.4 or higher, older projects executable cloud connection, MQTT in all LOGO! 8.4 basic units

General information	
based on	<a href="#">6ED1052-2HB08-0BA2</a>
Display	
with display	No
Installation type/mounting	
Mounting	on 35 mm DIN rail, 4 spacing units wide
Supply voltage	
Rated value (DC)	
• 24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Rated value (AC)	
• 24 V AC	Yes
Line frequency	
• permissible range, lower limit	47 Hz
• permissible range, upper limit	63 Hz
Time of day	
Time switching clocks	
• Number	400; Max. 400, function-specific
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; Radio interference suppression according to EN55011, Limit Value Class B
Ambient conditions	
Ambient temperature during operation	
• min.	-40 °C; = Tmin; Startup @ -25 °C
• max.	70 °C; Tmax; Tmax > +55 °C max. load 1 A per relay or max. load 3 A per relay and half the number of DIs (no adjacent points)
• At cold restart, min.	-25 °C; incl. condensation / frost permitted (no commissioning under condensation conditions)
Ambient temperature during storage/transportation	

<ul style="list-style-type: none"><li>• min.</li><li>• max.</li></ul>	-40 °C 70 °C																																	
Altitude during operation relating to sea level																																		
<ul style="list-style-type: none"><li>• Installation altitude above sea level, max.</li><li>• Ambient air temperature-barometric pressure-altitude</li></ul>	5 000 m  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																																		
<ul style="list-style-type: none"><li>• With condensation, tested in accordance with IEC 60068-2-38, max.</li></ul>	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation																																	
Resistance																																		
Coolants and lubricants																																		
<ul style="list-style-type: none"><li>— Resistant to commercially available coolants and lubricants</li></ul>	Yes; Incl. diesel and oil droplets in the air																																	
Use in stationary industrial systems																																		
<ul style="list-style-type: none"><li>— to biologically active substances according to EN 60721-3-3</li><li>— to chemically active substances according to EN 60721-3-3</li><li>— to mechanically active substances according to EN 60721-3-3</li></ul>	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request  Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *  Yes; Class 3S4 incl. sand, dust, *																																	
Use on ships/at sea																																		
<ul style="list-style-type: none"><li>— to biologically active substances according to EN 60721-3-6</li><li>— to chemically active substances according to EN 60721-3-6</li><li>— to mechanically active substances according to EN 60721-3-6</li></ul>	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; *																																	
Usage in industrial process technology																																		
<ul style="list-style-type: none"><li>— Against chemically active substances acc. to EN 60654-4</li><li>— Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04</li></ul>	Yes; Class 3 (excluding trichlorethylene)  Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)																																	
Remark																																		
<ul style="list-style-type: none"><li>— Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04</li></ul>	* The supplied plug covers must remain in place over the unused interfaces during operation!																																	
Conformal coating																																		
<ul style="list-style-type: none"><li>• Coatings for printed circuit board assemblies acc. to EN 61086</li><li>• Protection against fouling acc. to EN 60664-3</li><li>• Military testing according to MIL-I-46058C, Amendment 7</li><li>• Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A</li></ul>	Yes; Class 2 for high reliability  Yes; Type 1 protection  Yes; Discoloration of coating possible during service life  Yes; Conformal coating, Class A																																	
Dimensions																																		
Width	71.5 mm																																	
Height	90 mm																																	
Depth	60 mm																																	
Classifications																																		
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Approvals / Certificates																																		

[Miscellaneous](#)

[Manufacturer Declaration](#)



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