



Figure similar

SIPLUS LOGO! TDE based on 6ED1055-4MH08-0BA1 with conformal coating, -25...+60 °C, start up -20 °C, 6-line, 3 background colors 2 Ethernet ports, installation accessories for LOGO! 8

General information	
Product type designation	Text display
Suitability for use based on	Can be used with LOGO! 8 and higher <a href="#">6ED1055-4MH08-0BA1</a>
Display	
Design of display	FSTN
Line display	
• Number of lines	6
• Number of characters per line	20
Backlighting	
• Type of backlighting	LED
Control elements	
Keyboard fonts	
• System keys	Yes
— Number of configurable system keys	0
• alphanumeric keyboard	No
Installation type/mounting	
Wall mounting/direct mounting	No
Supply voltage	
Type of supply voltage	AC/DC
Rated value (DC)	12 V; 12/24 V DC, 24 V AC
Power loss	
Power loss, typ.	1.8 W; Power supply: 24 V DC
Interrupts/diagnostics/status information	
Diagnostics function	No
Degree and class of protection	
IP (at the front)	IP65
Standards, approvals, certificates	
CE mark	Yes
Ecological footprint	
• environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	43 kg
— global warming potential, (during production) [CO2 eq]	8.5 kg
— global warming potential, (during operation) [CO2 eq]	34.5 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.065 kg

Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> <li>• At cold restart, min.</li> </ul>	<p>-25 °C; = Tmin; Startup @ -20 °C</p> <p>60 °C; = Tmax; Tmax: &gt;55 °C application of max. 1 Industrial Ethernet interface</p> <p>-20 °C; incl. condensation / frost permitted (no commissioning under condensation conditions)</p>
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> </ul>	<p>-40 °C</p> <p>70 °C</p>
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>	<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"> <li>• With condensation, tested in accordance with IEC 60068-2-38, max.</li> </ul>	<p>100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation</p>
Resistance	
Coolants and lubricants	
<ul style="list-style-type: none"> <li>— Resistant to commercially available coolants and lubricants</li> </ul>	<p>Yes; Incl. diesel and oil droplets in the air</p>
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>	<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 &lt; 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	
<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>	<p>Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request</p> <p>Yes; Class 6C3 (RH &lt; 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *</p> <p>Yes; Class 6S3 incl. sand, dust; *</p>
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>	<p>Yes; Class 3 (excluding trichlorethylene)</p> <p>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)</p>
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>	<p>* The supplied plug covers must remain in place over the unused interfaces during operation!</p>
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>	<p>Yes; Class 2 for high reliability</p> <p>Yes; Type 1 protection</p> <p>Yes; Discoloration of coating possible during service life</p> <p>Yes; Conformal coating, Class A</p>
configuration / header	
Configuration software	
<ul style="list-style-type: none"> <li>• Configuration tool</li> </ul>	<p>LOGO! Soft Comfort V8</p>
Accessories	
<ul style="list-style-type: none"> <li>belongs to product</li> </ul>	<p>LOGO!</p>
Mechanics/material	
<ul style="list-style-type: none"> <li>Design of housing</li> </ul>	<p>plastic</p>
Dimensions	
<ul style="list-style-type: none"> <li>Width</li> <li>Height</li> <li>Depth</li> <li>Overall depth</li> </ul>	<p>128.2 mm</p> <p>86 mm</p> <p>38.7 mm</p> <p>38.7 mm</p>
Weights	

Weight, approx.	220 g
<b>Scope of supply</b>	
Delivery quantity in pieces	1

<b>Classifications</b>		
	<b>Version</b>	<b>Classification</b>
eClass	14	27-33-02-03
eClass	12	27-33-02-03
eClass	9.1	27-33-02-03
eClass	9	27-33-02-03
eClass	8	27-24-23-04
eClass	7.1	27-24-23-04
eClass	6	27-24-23-04
ETIM	9	EC001426
ETIM	8	EC001426
ETIM	7	EC001426
IDEA	4	6679
UNSPSC	15	43-21-19-06

<b>Approvals / Certificates</b>	
<b>General Product Approval</b>	<b>EMV</b>

[Miscellaneous](#)



[Manufacturer Declaration](#)



**Environment**



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