

SIPLUS G120 IOP-2 -20... +50°C with conformal coating based on 6SL3255-0AA00-4JA2. for SIPLUS SINAMICS G120 Language settings: German, English, French, Italian, Spanish, Portuguese, Dutch, Swedish, Russian, Czech, Polish, Turkish Finnish, Chinese simplified



Figure similar

General information	
Product type designation	Intelligent Operator Panel (IOP)
Product function	
<ul style="list-style-type: none"> <li>• V/f control with linear/square parameterization capability</li> </ul>	No
<ul style="list-style-type: none"> <li>• V/f control with ECO mode linear/square</li> </ul>	No
<ul style="list-style-type: none"> <li>• V/f control with flux current control</li> </ul>	No
<ul style="list-style-type: none"> <li>• Vector control with encoder</li> </ul>	No
<ul style="list-style-type: none"> <li>• Vector control without encoder</li> </ul>	No
Standards, approvals, certificates	
Certificate of suitability	CE
Verification of suitability for CE marking	EN 61800-3
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	-20 °C; = Tmin
<ul style="list-style-type: none"> <li>• max.</li> </ul>	50 °C; = Tmax

<b>Ambient temperature during storage/transportation</b>	
• Storage, min.	-40 °C
• Storage, max.	70 °C
<b>Altitude during operation relating to sea level</b>	
• Installation altitude above sea level, max.	2 000 m
• Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m)
<b>Relative humidity</b>	
• With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
<b>Resistance</b>	
<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); *
<b>Usage in industrial process technology</b>	
— Against chemically active substances acc. to EN 60654-4	Yes; Class 3 (excluding trichlorethylene)
— Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04	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)
<b>Remark</b>	
— Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04	* The supplied plug covers must remain in place over the unused interfaces during operation!
<b>Conformal coating</b>	
• Coatings for printed circuit board assemblies acc. to EN 61086	Yes
• Protection against fouling acc. to EN 60664-3	Yes; Type 1 protection
• Electronic equipment on rolling stock acc. to EN 50155	Yes; Class PC2 protective coating acc. to EN 50155:2017
• Military testing according to MIL-I-46058C, Amendment 7	Yes; Discoloration of coating possible during service life
• Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A	Yes; Conformal coating, Class A
<b>Dimensions</b>	
Width	70 mm
Height	106 mm
Depth	30 mm
<b>Weights</b>	
Weight (without packaging)	0.134 kg

last modified:

05/15/2020