

SIPLUS S120 Control Unit CU310-2 DP -20...+55 °C
 with conformal coating based on 6SL3040-1LA00-0AA0
 . with PROFIBUS interface without CompactFlash card



Product brand name		SIPLUS
Product function		
<ul style="list-style-type: none"> • vector control with encoder • vector control without encoder 		No Yes
Product function / for U/f control		
<ul style="list-style-type: none"> • ECO mode linear or quadratic • flux current control • linear or quadratic parameterization 		No No No
Operating voltage		
<ul style="list-style-type: none"> • from external supply voltage • from power module 	V V	28.8 ... 20.4 24
Input voltage / at analog inputs as voltage inputs		
<ul style="list-style-type: none"> • for signal <0> to <1> 	V	0
Consumed current / maximum	A	0.3
AWG number / as coded connectable conductor cross section / for signal line		30 ... 16
Power loss [W] / maximum	W	20
Protection class IP		IP20
Width	mm	73

Height	mm	191
Depth	mm	75
Net weight	kg	0.95
Number of analog inputs • Note		1 The differential analog inputs can be configured as supplementary digital inputs
Number of digital inputs • Note		11 According to IEC 61131-2 type 1, 5 floating digital inputs, 8 bidirectional non-floating digital inputs/outputs, 3 parameterizable failsafe digital inputs (electrically isolated) or, alternatively, 6 parameterizable digital inputs (electrically isolated)
Number of digital inputs / with fail-safe • Number of digital inputs / with fail-safe / Note		3 Optionally parameterizable as safe inputs
Number of digital outputs / as relay change-over contact		0
Number of digital outputs / as transistor		0
Number of interfaces • acc. to RS 485 • acc. to PROFINET		1 0
Protocol / is supported / PROFIBUS protocol		Yes
Relative humidity / maximum • Note	%	100 RH incl. condensation/frost permitted (no commissioning in bedewed state)
Ambient temperature • during operation • during storage	°C °C	-20 ... +55 -40 ... +70
Ambient temperature [°F] • during operation • during storage	°F °F	-4 ... +131 -40 ... +158
Resistance to biologically active substances / conformity acc. to EN 60721-3-3		Yes
Resistance to biologically active substances • conformity acc. to EN 60721-3-3 / Note		Class 3B2 acc. to EN 60721-3-3, mold and fungal spores (except fauna) Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request
conformity acc. to EN 60721-3-3		Yes
Resistance to chemically active substances • conformity acc. to EN 60721-3-3 / Note		Class 3C4 acc. to EN 60721-3-3, including salt spray acc. to EN 60068-2-52 (severity level 3) Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
Resistance to mechanically active substances / conformity acc. to EN 60721-3-3		No
Certificate of suitability		CE / TÜV
Certificate of suitability / for CE marking		Low Voltage Directive 2014/30/EU and 2014/35/EU

Certificates/ approvals:

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6AG1040-1LA00-2AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6AG1040-1LA00-2AA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/6AG1040-1LA00-2AA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6AG1040-1LA00-2AA0&lang=en