

SIPLUS G120 CU240E-2 PN Control Unit CU240E-2 PN
 -20...+55 °C with conformal coating based on 6SL3244-
 0BB12-1FA0 . E-type with Safety Integrated STO
 PROFINET 6DI, 3DO, 2 AI, 2 AO, max. 1F-DI PTC/KTY
 interface USB and SD/MMC interface Degree of
 protection IP20 without Power Module

Product brand name		SIPLUS
Product function		
• vector control with encoder		No
• vector control without encoder		Yes
Product function / for U/f control		
• ECO mode linear or quadratic		Yes
• flux current control		Yes
• linear or quadratic parameterization		Yes
Operating voltage		
• from external supply voltage	V	28.8 ... 20.4
• from power module	V	24
Input voltage / at analog inputs as voltage inputs		
• for signal <0> to <1>	V	4
• for signal <1> to <0>	V	1.6
Consumed current / maximum	A	0.5
AWG number / as coded connectable conductor cross section / for signal line		30 ... 16
Power loss [W] / maximum	W	5.5
Protection class IP		IP20
Width	mm	73
Height	mm	199
Depth	mm	46
Net weight	kg	0.49
Number of analog inputs		2
• Note		The differential analog inputs can be configured as supplementary digital inputs
Number of digital inputs		6
• Note		Optically isolated, free reference potential (own potential group), NPN/PNP-logic selectable via wiring
Number of digital inputs / with fail-safe		1
• Number of digital inputs / with fail-safe / Note		Use of 2x DI Standard
Number of digital outputs / as relay change-over contact		2
Number of digital outputs / as transistor		1

Number of interfaces		
• acc. to RS 485		0
• acc. to PROFINET		2
Protocol / is supported / PROFIBUS protocol		No
Relative humidity / maximum	%	100
• Note		RH incl. condensation/frost permitted (no commissioning in bedewed state)
Ambient temperature		
• during operation	°C	-20 ... +55
• during storage	°C	-40 ... +70
Ambient temperature [°F]		
• during operation	°F	-4 ... +131
• during storage	°F	-40 ... +158
Resistance to biologically active substances / conformity acc. to EN 60721-3-3		Yes
Resistance to biologically active substances		Class 3B2 acc. to EN 60721-3-3, mold and fungal spores (except fauna)
• conformity acc. to EN 60721-3-3 / Note		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		Class 3C4 acc. to EN 60721-3-3, including salt spray acc. to EN 60068-2-52 (severity level 3)
• conformity acc. to EN 60721-3-3 / Note		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 2014/35/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=6AG1244-0BB12-2FA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6AG1244-0BB12-2FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6AG1244-0BB12-2FA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6AG1244-0BB12-2FA0&lang=en