

SIPLUS G120 CU240E-2 USS Control Unit CU240E-2
 USS -20...+55 °C with conformal coating
 BasedOn:6SL3244-0BB12-1BA1 . Control Unit
 CU240E-2 Type with Safety integrated STO RS485
 interface, USS protocol 6DI, 3 DO, 2AI,2AO, max. 1F-DI
 PTC/KTY interface USB and SD/MMC interface Degree
 of protection IP20 without Power Module



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 		Yes Yes Yes
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> • for signal <1> to <0> 	V V	4 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 • Note		2 The differential analog inputs can be configured as supplementary digital inputs
Number of digital inputs • Note		6 Optically isolated, free reference potential (own potential group), NPN/PNP-logic selectable via wiring
Number of digital inputs / with fail-safe • Number of digital inputs / with fail-safe / Note		1 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 • acc. to PROFINET		1 0
Protocol / is supported / PROFIBUS protocol		No
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 according to EN 60721-3-3, mold, fungus and dry rot spores (with the exception of fauna); class 3B3 on request 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 according to EN 60721-3-3,(RH <75%) incl. salt spray acc. to EN 60068-2-52 (severity degree 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 2014/35/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=6AG1244-0BB12-2BA1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6AG1244-0BB12-2BA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6AG1244-0BB12-2BA1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6AG1244-0BB12-2BA1&lang=en