SIEMENS

Data sheet

6AG1241-1CH32-4XB0



SIPLUS S7-1200 CM 1241 based on 6ES7241-1CH32-0XB0 with conformal coating, -25...+60 °C, communications module CM 1241, RS-422/485, 9-pole D-sub (pin) supports Freeport

Figure similar

General information CMI 1241 RS 422 / 485 Product type designation CMI 1241 RS 422 / 485 Supply volges Exact value (DC) 24 V Permissible range, upper limit (DC) 20.4 V permissible range, upper limit (DC) 28.8 V Power loss Power loss Prower loss, typ. 1.2 W Interfaces/bus type RS 422 / 485 (X 27) Number of interfaces 1 Point-to-point connection - - Cable length, max. 1 000 m Integrated protocol driver - - ASCI1 Yes; Available as library function - USS Yes; Available as library function - File height, max. 0.3 m; five times, in product package Ambient temperature during operation - • Fail height, max. 0.3 m; five times, in product package Ambient temperature during storage/transportation - • min. -0° °C • min. -0° °C • max. 70 °C Ambient temperature during storage/transportation - • Installation alltude above sea level, max.		
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 Resistant to commercially available coolants and lubricants Use in stationary industrial systems 	Resistance	
lubricants Use in stationary industrial systems	Coolants and lubricants	
		Yes; Incl. diesel and oil droplets in the air
- to biologically active substances according to EN Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna):	Use in stationary industrial systems	
	— to biologically active substances according to EN	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna);

60721-3-3	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); *
 — to mechanically active substances according to EN 60721-3-3 	Yes; Class 3S4 incl. sand, dust, *
Use on ships/at sea	
 — to biologically active substances according to EN 60721-3-6 	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request
 — to chemically active substances according to EN 60721-3-6 	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
 — to mechanically active substances according to EN 60721-3-6 	Yes; Class 6S3 incl. sand, dust; *
Usage in industrial process technology	
 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)
Remark	
 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!
Conformal coating	
 Coatings for printed circuit board assemblies acc. to EN 61086 	Yes; Class 2 for high reliability
 Protection against fouling acc. to EN 60664-3 	Yes; Type 1 protection
 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
Dimensions	
Width	30 mm
Height	100 mm
Depth	75 mm
Weights	
Weight, approx.	155 g

last modified:

12/18/2020 🖸